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Analytical Reference Standards and Supplemental Data for Pesticides and Other Organic Compounds

Health Effects Res. Lab.

May 1976

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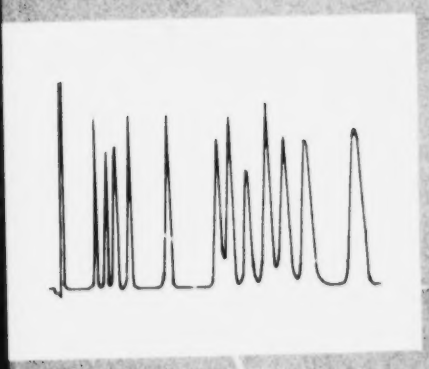
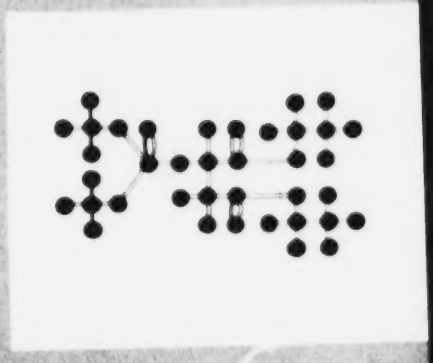
ANALYTICAL REFERENCE STANDARDS AND SUPPLEMENTAL DATA FOR PESTICIDES AND OTHER SELECTED ORGANIC COMPOUNDS





U.S. ENVIRONMENTAL PROTECTION AGENCY
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This manual lists several hundred compounds of analytical reference standards of insecticides, herbicides, algicides, nematocides, rodenticides and fungicides which are available, mostly in purified form, in subsamples of 100 milligrams to any bona fide pesticide laboratory in the world free of charge. Also included in the manual are miscellaneous data pertinent to pesticidal compounds such as precautionary notes in the handling and storage of highly toxic compounds, the preparation and storage of solutions of standards, residue methodology references, and an index of over 2,400 pesticide equivalent names.

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ANALYTICAL REFERENCE STANDARDS AND SUPPLEMENTAL DATA FOR PESTICIDES AND OTHER ORGANIC COMPOUNDS

Prepared by

Analytical Chemistry Branch
Environmental Toxicology Division

Editor: J. F. Thompson

HEALTH EFFECTS RESEARCH LABORATORY
OFFICE OF RESEARCH AND DEVELOPMENT
U.S. ENVIRONMENTAL PROTECTION AGENCY
RESEARCH TRIANGLE PARK, N. C. 27711

May 1976

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DISCLAIMER

This report has been reviewed by the Health Effects Research Laboratory, U.S. Environmental Protection Agency, and approved for publication. Mention of trade names or commercial products does not constitute endorsement or reccmmendation for use.

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PREFACE

The reference standards repository of the Health Effects Research Laboratory was originally established in 1965 at the Perrine, Florida facility then known as the Pesticides Research Laboratory of the U.S. Public Health Service. The repository was created as a central source of high purity pesticide reference standards available only to in-house scientists and laboratories in the field conducting area or "community" monitoring of pesticides in human biota under contract with the Public Health Service.

During ensuing years at Perrine and more recently at Research Triangle Park, N.C., the laboratory now known as the Environmental Toxicology Division of the EPA Health Effects Research Laboratory, has extended its service to other bona fide pesticide research and monitoring laboratories on a discretionary basis as time and resources have permitted. As this edition goes to press, over 700 laboratories are on the mailing list, including 76 laboratories in 31 foreign countries which have cooperative relationships with the U.S. government. In calendar year 1975, 7,228 subsamples were issued from the repository in response to 849 requests.

In Section I,a the current Index lists 387 pesticidal and related compounds. Eighty-eight compounds listed in the 1973 Index have been deleted because (1) there has been no demand; (2) they are either no longer produced, or (3) they have proved too difficult to obtain. On the other hand, 84 new compounds have been added to the stock.

In this edition, supplemental data has been expanded to include references to residue analytical methodology for each pesticical compound listed if any could be located. References are given in code on the faceplate for each compound in Section I,a, with decoding information provided in Section IV. We neither recommend nor endorse the validity or integrity of the analytical data in the cited publications. They are provided only for supplemental information.

The editor wishes to extend a special word of appreciation and gratitude to those commercial producers of pesticidal compounds who provide analytical grade reference standard materials on a gratis basis. Without their help, it would be next to impossible to maintain the repository service. Contributing companies are shown in Section V.

Continuing with the policy instituted in the 1973 edition of this Index, supplemental data such as USE, CHEMICAL NAME, MOLECULAR WEIGHT, EMPIRICAL AND STRUCTURAL FORMULAE and TOXICITY are given for each compound whenever data were available. Unless otherwise stated, toxicity is expressed as the LD_{50} based on oral feeding of male rats. The figure given is the number of milligrams of the compound required per kilogram of animal weight to produce mortality in 50% of test animals. Thus the lower the figure, the higher the toxicity. All users are strongly advised to exercise extreme care in the handling of any compound with an LD_{50} of 50 or below. A number of these highly toxic compounds are also dermally toxic, and scrupulous care must be taken to avoid contact with the skin.

In Section I,a each compound is listed in capital letters by its common name, if one has been assigned. Also shown parenthetically is any other name by which the compound is widely known in the United States. In cases where no

common name has been assigned, a trade or proprietary name is used. For the convenience of the reader, Section VI contains a list of over 2,400 pesticide names along with assigned common names where an assignment has been made. If a common name has not been assigned, the most widely known trade name is used. The omission of any proprietary name does not imply endorsement of one product over another. (The subject of compound names is complex and subject to rapid change. For example, 28 compounds listed in 1973 under proprietary names have since been assigned common names and are so listed in this edition.)

Because of great demand from many sources and limited supplies, the amount of each standard issued is restricted to no more than 100 milligrams, and the number of standards to only those necessary for limited immediate needs. The short shelf life of many standards is one of the reasons for restricting field inventories, and requesters are asked to order only those compounds which will be needed for a six-month period.

Most of the high-purity analytical standard compounds are difficult to prepare and therefore in short supply. We suggest that not more than 20 mg of primary standard be weighed out and diluted to 100 ml with an appropriate solvent. This yields a concentration of 200 µg per ml and should provide a sufficiently high concentration for just about any gas-liquid or thin layer chromatographic method. In fact, a solution of this concentration should require one or more serial dilutions to provide an appropriate concentration for most electron-capture GLC work. Researchers requiring larger quantities, such as for animal feeding studies, should contact the manufacturer or purchase from a commercial supplier. We cannot supply large quantities.

Occasionally we hear that bottles of standards are received empty. There is a remote possibility that this may be the case, but generally the bottle only appears to be empty from the outside. Some of the colorless, highly viscous liquids may coat the interior of the bottle or collect inside the bottle cap. When a bottle is received that appears empty, the cap should be carefully removed and the interior of the bottle and cap examined.

In preparing requests for standards, each compound needed should be listed by code number and common name to assist repository personnel in processing requests. An Advice of Receipt card and a sample request form are enclosed with each shipment. It is important that the card be mailed back immediately. This provides our only verification that each shipment has reached its destination. When these mail-back cards do not return within a month, a tracer is mailed to the requester. No covering letter is required with the order form, but a full address must be given along with requester's name.

A final note is directed to all scientists associated with university laboratories. Requests for standards must be made on stationery bearing the letterhead of the institution and must be signed by a university official such as a department head. Pesticides will not be mailed to individuals submitting requests on personal stationery.

All requests for standards should be directed to:

Quality Assurance Section
Analytical Chemistry Branch, ETD, EPA
Health Effects Research Laboratory
Research Triangle Park, N.C. 27711, MD-69

(Please use the entire address)

Section I,a

LIST OF AVAILABLE STANDARDS

As this edition goes to press, each compound listed in the following pages is commercially available and can be supplied in the 100 mg portions specified in the PREFACE. However, during the two-year life of this edition it is more than likely that the production of certain compounds will be discontinued and reference standard materials will no longer be available. Those who request such compounds will be notified of this on the bottom line of the mail-back acknowledgment card which accompanies each shipment.

For the reader's convenience all compounds are listed alphabetically with code numbers on the next three pages so that the entire stock may be scanned quickly. In ensuing pages each compound is listed and data such as chemical name, formulae, toxicity, etc. are given.

Wherever the symbol = is used at the end of a line in the typing of the chemical name, it means that the word in the first portion of the next line is a part of the word at the end of the line above. An ordinary hyphen at the end of a line indicates that the hyphen is a normal part of the chemical name.

ALPHABETICAL LISTING AND CODE NUMBERS OF COMPOUNDS

COMMON NAME	CODE NUMBER
ACEPHATE	0025
ACROLEIN	0027
ALACHLOR	4160
ALDICARB	0060
ALDRIN	0080
ALLETHRIN	0100
AMETRYN	0120
AMINOCARB	0180
AMITROLE	0200
AMOBAM	0220
ANCYMIDOL	0230
ANILAZINE	2920
ANTHRAQUINONE	0250
ANTU	0260
ASPON	0300
ASULAM	0310
ATRATON	0320
ATRAZINE	0420
AZINPHOS ETHYL	3840
AZINPHOS METHYL	3820
AZOBENZENE	0340
BARBAN	0400
BENEFIN	0480
BENOMYL	0500
BENSULIDE	0520
BENTAZON	0425
BENTHIOCARB	0570
BENTRANIL	0574
BENZADOX	0577
BENZOYLPROP ETHYL	0578
BENZYL BENZOATE	0580
BHC, MIXED	0600
BHC, α	0620
BHC, β	0640
BHC, γ	0660
BHC, δ	0680
BIFENOX	0733
BIPHENYL	0740
BROMACIL	0800
BROMOPHOS	0840
BROMOPHOS ETHYL	0860
BROMOXYNIL	0820
BUNEMA	0916
BUTACHLOR	0922
BUTRALIN	0933
BUTYLATE	0940
CACODYLIC ACID	0961
CALCIUM ARSENATE	0980
CAPTAFOL	1000
CAPTAN	1020
CARBARYL	1060
CARBENDAZIM	1071
CARBETAMIDE	1074
CARBOFURAN	1040
CARBOPHENOTHION	1080
CARBOXIN	1100
CDAA	1140
CDEC	1160
CHLORAMBEN	0140
CHLORANIL	1180
CHLORBENSIDE	1340
CHLORDANE, TECH.	1200
CHLORDANE, α	1220
CHLORDANE, γ	1240
CHLORDECONE	1280
CHLORDENE	1260
CHLORDENE, α	1261
CHLORDENE, β	1262
CHLORDENE, γ	1263
CHLORDIMEFORM	1480
CHLORFENVINPHOS	1300
CHLORMEPHOS	1316
CHLOROBENZILATE	1360
CHLORONEB	1380
CHLOROPHACINONE	1425
CHLOROTHALONIL	1640
CHLORPROPHAM	1420
CHLORPYRIFOS	2900
CHLORTHIOPHOS	1491
CLONITRALID	0460
COUMAFURYL	3720
COUMAPHOS	1540
CROTOXYPHOS	1500
CRUFOMATE	6020
CRYOLITE	1546
CYANAZINE	1552
CYCLOATE	1591
CYCLOHEXIMIDE	1600
CYPRAZINE	1615
CYTHIOATE	1621
DALAPON	1660
DCPA	1720
DDA-p,p'	1740
DDD, MIXED	1750
DDD, m,p'	1820
DDD, o,p'	1760
DDD, p,p'	1780
DDD-p,p', olefin	1800
DDE, o,p'	1840
DDE, p,p'	1860
DDT, MIXED	1880
DDT, o,p'	1900
DDT, p,p'	1920
DEF	1940
DEMETON-O	1981
DEMETON-S	1982
DESMEDIPHAM	2006
DIALIFOR	2035
DIALLATE	2040
DIAPHENE	2060
DIAZINON	2080
DIBROMOCHLOROPROPANE	2090
DIBUTYL PHTHALATE	2120
DICAMBA	2140
DICHLOBENIL	2200
DICHLOFENTHION	2220
DICHLONE	2180
DICHLORAN	2260
DICHLOROBENZENE, o	2280
DICHLOROBENZENE, p	2300
DICHLOROPROPENE	2306
DICHLOROPROP	2309
DICHLORVOS	2320
DICOFOL	2340
DICROTOPHOS	0700
DIELDRIN	2380
DIETHYL PHOSPHATE	2386
DIFENZOQUAT	2399
DIFLUBENZURON	2406
DIMETHIRIMOL	2416
DIMETHOATE	2420
DIMETHYL PHOSPHATE	2458
DIMETHYL PHTHALATE	2460
DINITRAMINE	2551
DINOCAP	2560
DINOSEB	2760
DINOSEB ACETATE	2566
DIOXATHION	2580
DIPHACINONE	2600
DIPHENAMID	2620
DIPHENYL MERCURY	2640
DIQUAT DIBROMIDE	2660
DISULFOTON	2720
DITHIANON	2721
DIURON	2740
DNOC	2770
DODINE	2780
DRAZOXOLON	2792
DSMA	2860
2,4-D, ACID	2940
2,4-D, BOEE	2960
2,4-D, BE	2980
2,4-D, DEA SALT	2985

COMMON NAME	CODE NUMBER
2,4-D, DMA SALT	2990
2,4-D, IBE	3000
2,4-D, IOE	3020
2,4-D, IPE	3040
2,4-D, PGBEE	3060
2,4-DB, ACID	3080
2,4-DB, BE	3100
2,4-DB, IBE	3120
2,4-DB, IOE	3140
ENDOSULFAN	3180
ENDOSULFAN I	3200
ENDOSULFAN II	3220
ENDOTHALL, ACID	3240
ENDRIN	3260
EPN	3280
EPTC	3300
ERBON	3320
ETHEPHON	3330
ETHIOLATE	3335
ETHION	3340
ETHIRIMOL	3359
ETHOPROP	5880
ETHYL HEXANEDIOL	3380
ETHYL MERCURIC CHLORIDE	3400
EXD	3420
FAMPHUR	3440
FENAC	3460
FENAMINOSULF	2020
FENITROTHION	3480
FENSULFOTHION	3500
FENTHION	3520
FENTIN ACETATE	3527
FENTIN HYDROXIDE	3540
FERBAM	3600
FLUCHLORALIN	0407
FLUOMETURON	3620
FLURIDAMID	3623
FLURECOL-n-BUTYLESTER	3630
FOLEX	3640
FOLPET	3660
FONOFOS	2910
FORMETANATE HYDROCHLORIDE	3680
FORMOTHION	3722
GIBBERELLIC ACID	3790
GLYPHOSATE	3801
HEPTACHLOR	3860
HEPTACHLOR EPOXIDE	3880
HEXACHLOROBENZENE	3920
HEXACHLOROPHENE	3940
1-HYDROXYCHLORDENE	3960
IBP	4011
IOXYNIL	4040
ISOPROPALIN	4070
KARBUTILATE	6420
LAMPRECIDE	4166
LEAD ARSENATE	4180
LENACIL	4185
LEPTOPHOS	4190
LETHANE 384	4220
LINURON	4240
MALATHION	4260
MANEB	4300
MCPA	4340
MCPA, IOE	4360
MCPB	4380
MCPP	4400
MCPP, IOE	4420
MECARBAM	4441
MENAZON	4453

COMMON NAME	CODE NUMBER
MEOBAL	4460
MEPHOSFOLAN	1630
METALKAMATE	0960
METHAM	6220
METHAMIDOPHOS	4750
METHANEARSONIC ACID	4490
METHAZOLE	4496
METHIDATHION	6340
METHIOCARB	4500
METHOMYL	4520
METHOPRENE	4531
METHOXYCHLOR	4540
METHYLMERCURIC CHLORIDE	4560
METHYLMERCURIC IODIDE	4572
METOXURON	4631
MEVINPHOS	4640
MEXACARBATE	7080
MH	4280
MIREX	4720
MOLINATE	4740
MONALIDE	4747
MONOCROTOPHOS	0360
MONOLINURON	4751
MONURON	4760
MONURON-TCA	4780
MORPHOTHION	4803
MSMA	4820
NABAM	4840
NALED	4860
NAPHTHALENE ACETAMIDE	4880
NAPHTHALENE ACETIC ACID	4900
1-NAPHTHOL	4925
NAPROPAMIDE	2010
NAPTALAM, SODIUM SALT	4920
NEBURON	4940
NITRALIN	5020
NITRAPYRIN	5031
NITROFEN	5040
4-NITROPHENOL	5060
NONACHLOR-T	5080
NORFLURAZON	5136
ORYZALIN	5148
OXADIAZON	5176
OXAMYL	5186
OXAMYL OXIME	5187
OXYCHLORDANE	5200
OXYDEMETON METHYL	5220
OXYTHIOQUINOX	4800
PARAQUAT DICHLORIDE	5240
PARATHION ETHYL	5245
PARATHION METHYL	4580
PARINOL	5251
PCNB	5280
PCP	5260
PEBULATE	5300
PERFLUIDONE	5366
PERTHANE	5380
PHENCAPTON	5400
PHENMEDIPHAM	5410
PHENOTHIAZINE	5420
PHENYLMERCURIC ACETATE (PMA)	5680
PHENYLMERCURIC BORATE	5460
PHENYLMERCURIC CHLORIDE	5480
PHENYLMERCURIC HYDROXIDE	5485
PHENYLMERCURIC IODIDE	5487
PHENYLPHENOL	5490
PHORATE	5500
PHOSALONE	5520
PHOSFOLAN	1610
PHOSMET	4000

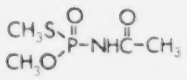
COMMON NAME	CODE NUMBER
PHOSPHAMIDON	5580
PICLORAM	5600
PIPERALIN	5640
PIPERONYL BUTOXIDE	5620
PIRIMICARB	5632
PIRIMIPHOS ETHYL	5642
PIRIMIPHOS METHYL	5643
POLYCHLORINATED BIPHENYLS (PCB's)	
AROCLOR 1016	5700
AROCLOR 1221	5701
AROCLOR 1232	5702
AROCLOR 1242	5703
AROCLOR 1248	5704
AROCLOR 1254	5705
AROCLOR 1260	5706
AROCLOR 1262	5707
POLYCHLORINATED NAPHTHALENES (PCN's)	
HALOWAX 1000	5720
HALOWAX 1001	5721
HALOWAX 1013	5722
HALOWAX 1014	5723
HALOWAX 1051	5724
HALOWAX 1099	5725
POTASSIUM AZIDE	5728
POTASSIUM DIETHYL DITHIOPHOSPHATE	5731
POTASSIUM DIETHYL THIOPHOSPHATE	5732
POTASSIUM DIMETHYL DITHIOPHOSPHATE	5733
POTASSIUM DIMETHYL THIOPHOSPHATE	5734
PROMECARB	5752
PROMETON	5760
PROMETRYN	5780
PRONAMIDE	4090
PROPACHLOR	5820
PROPANIL	5840
PROPAGITE	5160
PROPAZINE	5800
PROPHAM	5860
PROPOXUR	0440
PROTECT	5882
PYRACARBOLID	5905
PYRAZON	5925
PYRAZOPHOS	5932
PYRETHRINS	5940
QUINALPHOS	5966
RESMETHRIN	6055
RONNEL	5980
ROTENONE	6000
SALITHION	6050
SIDURON	6100
SILVEX, ACID	6120
SILVEX, IOE	6130
SILVEX, PGBEE	6140
SIMAZINE	6160
SODIUM AZIDE	6172
SODIUM PENTA-CHLOROPHENATE	2820
SODIUM PHENYLPHENATE	2800
STIROFOS	3740
STREPTOMYCIN SULFATE	6222
STROBANE	6240
SULFOXIDE	6300
SURECIDE	6360
TECNAZENE	6435
TEMEPHOS	0020
TEPP	6540
TERBACIL	6560
TERBUTRYN	3980
TERRAZOLE	6590
TETRADIFON	6600
TETRASUL	6630
THANITE	6640
THIABENDAZOLE	6660
THIOFANOX	6663
THIOMETON	6665
THIOPHANATE	6670
THIOPHANATE METHYL	6671
THIRAM	6680
TOXAPHENE	6740
TRIALLATE	6770
TRIAZOPHOS	6777
TRICHLORFON	6780
2,4,5-TRICHLOROPHENOL	6890
TRIDEMORPH	6792
TRIFLURALIN	6800
TRIFORINE	6822
2,4,5-T, ACID	6840
2,4,5-T, BOEE	6860
2,4,5-T, BE	6870
2,4,5-T, IOE	6880
2,4,5-T, PGBEE	6885
2,4,5-T, TEA SALT	6895
4-(2,4,5-TB)	6900
2,3,6-TBA	6920
VENDEX	7013
VERNOLATE	7020
WARFARIN	7060
ZINEB	7120
ZIRAM	7100

Code	Common Name	Emp. Form.	Chemical Name	Structure

0025 ACEPHATE (Orthene) $C_4H_{10}NO_3PS$ O, S-Dimethyl acetyl-phosphoramidothioate

Mol. Wt. 183
Use Insectic.
LD_{50} 945

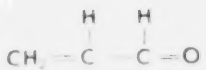
Ref.	A	B	C	D	E	F
1	AL	74	57/1	189	3	a
2	21				9	a
3						
4						
5						
6						



0027 ACROLEIN (Aqualin) C_3H_4O 2-Propenal

Mol. Wt. 56.06
Use Herbic.
LD_{50} 46

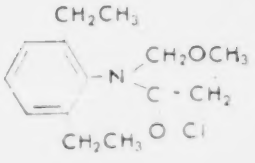
Ref.	A	B	C	D	E	F
1	70				12	t
2						
3						
4						
5						
6						



4160 ALACHLOR (Lasso) $C_{14}H_{20}ClNO_2$ 2-Chloro-2',6'-diethyl-N-(methoxy-methyl) acetanilide

Mol. Wt. 270
Use Herbic.
LD_{50} 3,000

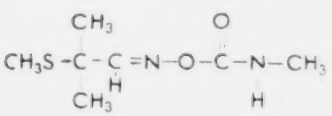
Ref	A	B	C	D	E	F
1	C		11		3	cgt 10
2	AJ	76	23/1	77	3,8	x
3	BH	71	11/4	257	19	x
4	KA	73	50/6	333	15, 11	x
5						
6						



3060 ALDICARB (Temik) $C_7H_{14}N_2O_2S$ 2-Methyl-2-(methylthio)propional-dehyde-O-(methylcarbonyl)oxime

Mol. Wt. 190
Use Insectic.
LD_{50} 0.93

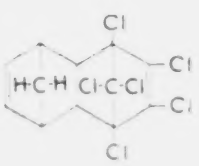
Ref	A	B	C	D	E	F
1	C		12		4,12	a
2	AL	67	50	1240	12	e
3	AJ	69	17/1	70	6	af
4	AJ	68	16	549	10	aef
5	AL	70	53	1296	4	def
6						



0080 ALDRIN $C_{12}H_8Cl_6$ 1,2,3,4,10,10-Hexachloro-1,4,4a,5,8,8a-hexahydro-1,4-endo-exo-5,8-dimethanonaphthalene

Mol. Wt. 365
Use Insectic.
LD_{50} 55

Ref.	A	B	C	D	E	F
1	C		1		2,6	a
2	A		5		2	a
3	A		8B		2	v
4	A		10A		2	t
5						
6						

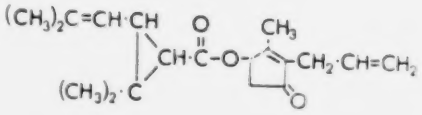


Code	Common Name	Emp. Form.	Chemical Name	Structure

0100 ALLETHRIN $C_{19}H_{26}O_3$ 2-Allyl-4-hydroxy-3-methyl-2-cyclopenten-1-one ester of 2,2-dimethyl-3-(2-methylpropenyl)-cyclopropanecarboxylic acid

Mol. Wt. 302
Use Insectic.
LD_{50} 680

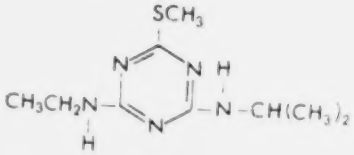
Ref.	A	B	C	D	E	F
1	AJ	58	6	643	21	J,o
2						
3						
4						
5						
6						



0120 AMETRYN (Evik) $C_9H_{17}N_5S$ 2-(Ethylamino)-4-(isopropylamino)-6-(methylthio)-s-triazine

Mol. Wt. 227
Use Herbic.
LD_{50} 1,110

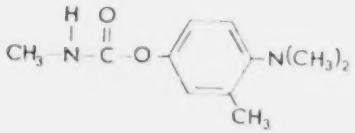
Ref.	A	B	C	D	E	F
1	C		II		6	ethic
2	WD	72	80	137	11	x
3						
4						
5						
6						



0180 AMINOCARB (Matacil) $C_{11}H_{16}N_2O_2$ 4-Dimethylamino-m-tolyl methylcarbamate

Mol. Wt. 208
Use Insectic.
LD_{50} 30

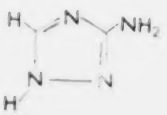
Ref.	A	B	C	D	E	F
1	AJ	69	17/1	56	2	ade
2	ZD	70	50/1	92	14	o
3	AJ	72	20/2	443	2,3	x
4	WD	69	45/(3,4)	362	3	x
5	WD	70	50/1	92	11	x
6	AL	72	55/6	1259	11	x



0200 AMITROLE (Cytrol) $C_2H_4N_4$ 3-Amino-1,2,4-triazole

Mol. Wt. 84
Use Herbic.
LD_{50} 24,600

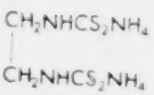
Ref.	A	B	C	D	E	F
1	AL	61	44	146	12	c,e
2	AL	62	40	382	12	e
3	ZJ	70	18	439	12	t
4						
5						
6						



0220 AMOBAM (Chemo-O-Bam) $C_4H_{14}N_4S_4$ Diammonium ethylene-bisdithiocarbamate

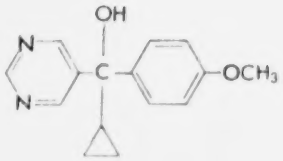
Mol. Wt. 246
Use Fungic.
LD_{50} 450

Ref.	A	B	C	D	E	F
1	AJ	74	22/5	886	10	a
2	BA	68	93/11,05	219	15	a,o
3	AL	69	52/6	1226	10	ter
4	AL	67	50/5	1102	18	a
5						
6						



Code	Common Name	Emp. Form.	Chemical Name	Structure

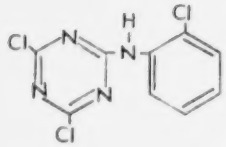
0230 ANCYMIDOL (A-Rest) $C_{15}H_{16}N_2O_2$ α-Cyclopropyl-α-(p-methoxyphenyl)-5-pyrimidinemethanol



Mol. Wt. 256
Use Grth. Inhibit.
LD_{50} 4,500

Ref.	A	B	C	D	E	F
1	AL	75	58/4	850	3	w
2	3E				3	u
3						
4						
5						
6						

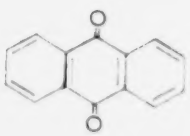
2920 ANILAZINE (Dyrene) $C_9H_5Cl_3N_4$ 2,4-Dichloro-6-(o-chloroanilino)-s-triazine



Mol. Wt. 275.5
Use Fungic.
LD_{50} 2,710

Ref.	A	B	C	D	E	F
1	C		11		12	ef
2						
3						
4						
5						
6						

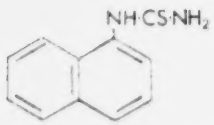
0250 ANTHRAQUINONE (Corbit) $C_{14}H_8O_2$ 9,10-Anthraquinone



Mol. Wt. 208
Use Bird Repellant
LD_{50} 5000+

Ref.	A	B	C	D	E	F
1	AT	72	17/6	710	1	x
2	1A	66	30/9	935	1	x
3						
4						
5						
6						

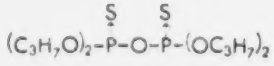
0260 ANTU $C_{11}H_{10}N_2S$ 1(1-Naphthyl)-2-thiourea



Mol. Wt. 202
Use Rodentic.
LD_{50} 7

Ref.	A	B	C	D	E	F
1	WD	67	5/11	552	2	x
2	GG	50	84	115	12	x
3						
4						
5						
6						

0300 ASPON $C_{12}H_{28}O_5P_2S_2$ O,O,O,O-Tetrapropyl dithiopyrophosphate



Mol. Wt. 370
Use Insectic.
LD_{50} 891

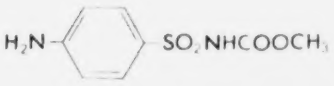
Ref.	A	B	C	D	E	F
1	AL	70	53/3	499	4	x
2						
3						
4						
5						
6						

Code	Common Name	Emp. Form.	Chemical Name	Structure

0310 ASULAM (Asulox) $C_8H_{10}N_2O_4S$ Methyl (4-amino benzene-sulfonyl)carbamate

Mol. Wt. 230
Use Herbic.
LD_{50} 5,000+

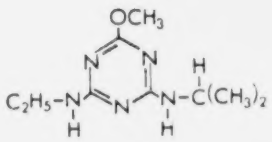
Ref.	A	B	C	D	E	F
1	AC	73	7	497	12	i
2	7I				3,4	u
3						
4						
5						
6						



0320 ATRATON (Gesatamin) $C_9H_{17}N_5O$ 2-(Ethylamino)-4-(isopropylamino)-6-methoxy-s-triazine

Mol. Wt. 211
Use Herbic.
LD_{50} 1,465

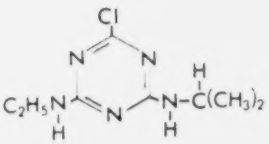
Ref.	A	B	C	D	E	F
1	BH	64	4	64	--	--
2	ZD	70	32	371	6	u
3						
4						
5						
6						



0420 ATRAZINE (Aatrex) $C_8H_{14}ClN_5$ 2-Chloro-4-(ethylamino)-6-(isopropylamino)-s-triazine

Mol. Wt. 216
Use Herbic.
LD_{50} 3,080

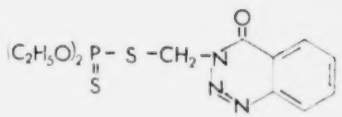
Ref.	A	B	C	D	E	F
1	C		II		12	bcef
2	AL	68	51	682	3	ctu
3	RC	70	35	64	11	a,j
4	AJ	73	21	93	1,2	ctu
5	AJ	74	22	137	2	f
6						



3840 AZINPHOS ETHYL (Ethyl Guthion) $C_{12}H_{16}N_3O_3PS_2$ O,O-Diethyl S-[4-oxo-1,2,3-benzotriazin-3(4H)-ylmethyl] phosphorodithioate

Mol. Wt. 345
Use Insectic.
LD_{50} 7-17

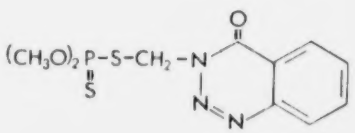
Ref.	A	B	C	D	E	F
1	AL	74	57/5	1033	4	t
2	ZD	69	26	17	10	t
3	WD	69	43/3	388	10	t
4	AD	70	5/1	42	10	o
5	AJ	68	16/5	308	11	x
6	WD	71	59/1	135	11	x



3820 AZINPHOS METHYL (Guthion) $C_{10}H_{12}N_3O_3PS_2$ O,O-Dimethyl S-[4-oxo-1,2,3-benzotriazin-3(4H)-ylmethyl] phosphorodithioate

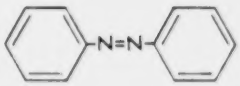
Mol. Wt. 317
Use Insectic.
LD_{50} 16

Ref.	A	B	C	D	E	F
1	C		II		12,1	deq
2	AD	74	11/3	224	4	u
3	AL	74	57/5	1033	4	t
4	WD	69	43/3	388	10	t
5	AL	67	50/6	1288	4	a,o
6	AD	74	11/6	532	4	t



Code	Common Name	Emp. Form.	Chemical Name	Structure

0340 AZOBENZENE $C_{12}H_{10}N_2$ Diphenyl diimide

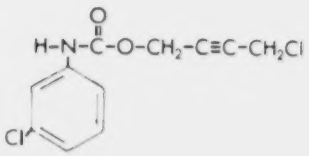


Mol. Wt. 182
Use Acaric.
LD_{50} 1,000

Ref.

	A	B	C	D	E	F
1	AV	73	01721	-	10,11	j
2						
3						
4						
5						
6						

0400 BARBAN (Carbyne) $C_{11}H_9Cl_2NO_2$ 4-Chloro-2-Butynyl-m-chlorocarbanilate

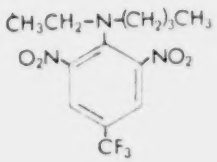


Mol. Wt. 258
Use Herbic.
LD_{50} 1,350

Ref

	A	B	C	D	E	F
1	C		11		12	a
2	WD	71	57	303	11	t,u
3	BA	72	97/1153	294	2	a,c
4						
5						
6						

0480 BENEFIN (Balan) $C_{13}H_{16}F_3N_3O_4$ N-Butyl-N-ethyl-α,α,α-trifluoro-2,6-dinitro-p-toluidine

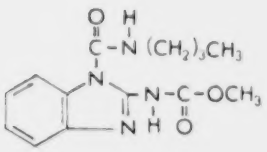


Mol. Wt. 335
Use Herbic.
LD_{50} 10,000+

Ref

	A	B	C	D	E	F
1	C		11		2	bdf
2	AJ	71	21		2	a
3	AJ	74	22/1	82	2	a
4	AN	72	30/1	176	2	u
5	AL	73	56/7	467	3	x
6	WD	71	63/2	364	1,2	x

0500 BENOMYL (Benlate) $C_{14}H_{18}N_4O_3$ Methyl 1-(butylcarbamoyl)-2-benzimidazolecarbanate

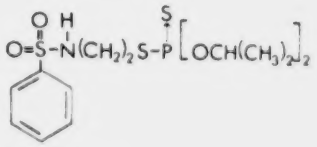


Mol. Wt. 290
Use Fungic.
LD_{50} 10,000+

Ref.

	A	B	C	D	E	F
1	AJ	69	17/2	267	12,14	a,i
2	AL	71	54/6	1399	12,14	e,h
3	AJ	72	20	1230	12	e
4	WD	74	103	33	11,14	e
5	AJ	71	21/3	368	16	a,u
6	AJ	73	21/2	171	16	ilm no

0520 BENSULIDE (Prefar) $C_{14}H_{24}NO_4PS_3$ S-(O,O-Diisopropyl phosphorodithioate) ester of N-(2-mercaptoethyl) benzenesulfonamide



Mol. Wt. 397.5
Use Herbic.
LD_{50} 770

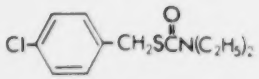
Ref.

	A	B	C	D	E	F
1	C		11		3,4,12	afq
2	AC	67	5	483	20	-
3						
4						
5						
6						

Code	Common Name	Emp. Form.	Chemical Name	Structure
0570	BENTHIOCARB (Bolero)	$C_{12}H_{16}ClNOS$	S-(4-Chlorobenzyl)N,N-diethyl-thiolcarbamate	

Mol. Wt. 258
Use Herbic.
LD_{50} 1,903

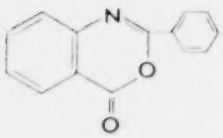
Ref.	A	B	C	D	E	F
1	JA	71	35/8	1161	4	u
2	AW	74	1586	-	4	c,u
3	21				2,4	pctu
4						
5						
6						



0574 BENTRANIL $C_{14}H_9NO_2$ 2-Phenyl-3,1-benzoxazinone-(4)

Mol. Wt. 223
Use Herbic.
LD_{50} ca. 1,600

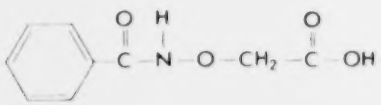
Ref.	A	B	C	D	E	F
1						
2						
3						
4						
5						
6						



0577 BENZADOX (Topcide) $C_9H_9NO_4$ (Benzamidoxy)acetic acid

Mol. Wt. 195
Use Herbic.
LD_{50} 5,600

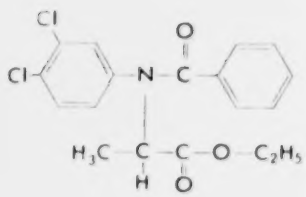
Ref.	A	B	C	D	E	F
1	C		II		3	af
2	32				3,11	f
3						
4						
5						
6						



0578 BENZOYLPROP ETHYL (Suffix) $C_{18}H_{17}Cl_2NO_3$ Ethyl N-benzoyl-N-(3,4-dichlorophenyl)-2-aminopropionate

Mol. Wt. 366
Use Herbic.
LD_{50} 1,555

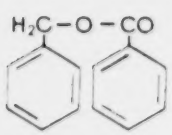
Ref.	A	B	C	D	E	F
1	70				2	c,u
2						
3						
4						
5						
6						



0580 BENZYL BENZOATE $C_{14}H_{12}O_2$ Benzyl benzoate

Mol. Wt. 212
Use Scabicide
LD_{50} 1,700

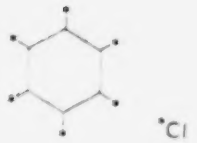
Ref.	A	B	C	D	E	F
1						
2						
3						
4						
5						
6						



Code	Common Name	Emp. Form.	Chemical Name	Structure
0600	BHC, MIXED ISOMERS	$C_6H_6Cl_6$	Several isomers of 1,2,3,4,5,6-hexachlorocyclohexane	

Mol Wt 291
Use Insectic.
LD_{50} 200

Ref	A	B	C	D	E	F
1	L		11		9,12	de
2	N		24,100-106		12	de
3	A		BA, BB, 11		2	it
4						tuv
5	AL	66		40	2	i
6	WC	67	27	250	2	a



Code	Common Name	Emp. Form.	Chemical Name	Structure
0620	BHC, ALPHA ISOMER	$C_6H_6Cl_6$	Alpha isomer of hexachlorocyclohexane	

Mol Wt 291
Use Compon. of tech. BHC
LD_{50} 500

Ref	A	B	C	D	E	F
1						
2			See 0600			
3						
4						
5						
6						

Code	Common Name	Emp. Form.	Chemical Name	Structure
0640	BHC, BETA ISOMER	$C_6H_6Cl_6$	Beta isomer of hexachlorocyclohexane	

Mol Wt 291
Use Compon. of tech. BHC
LD_{50} 1,000

Ref	A	B	C	D	E	F
1						
2			See 0600			
3						
4						
5						
6						

Code	Common Name	Emp. Form.	Chemical Name	Structure
0660	BHC, GAMMA ISOMER (Lindane)	$C_6H_6Cl_6$	Gamma isomer of hexachlorocyclohexane	

Mol Wt 291
Use Insectic.
LD_{50} 125

Ref	A	B	C	D	E	F
1						
2			See 0600			
3						
4						
5						
6						

Code	Common Name	Emp. Form.	Chemical Name	Structure
0680	BHC, DELTA ISOMER	$C_6H_6Cl_6$	Delta isomer of hexachlorocyclohexane	

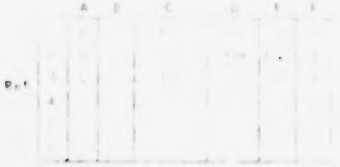
Mol Wt 291
Use Compon. of tech. BHC
LD_{50} 1,000

Ref	A	B	C	D	E	F
1						
2			See 0600			
3						
4						
5						
6						

Code Common Name Trade Form Chemical Name Structure

Mol Wt
Use
LD_{50}

Mol Wt
Use
LD_{50}



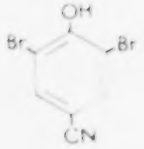
Mol Wt
Use
LD_{50}

Mol Wt
Use
LD_{50}

Mol Wt 345
Use Insecticide, Acaricide
LD_{50}

Code	Common Name	Emp. Form.	Chemical Name	Structure

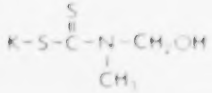
0820 BROMOXYNIL (Brominal) $C_7H_3Br_2NO$ 3,5-Dibromo-4-hydroxybenzonitrile



Mol. Wt. 277
Use Herbic.
LD_{50} 190

Ref	A	B	C	D	E	F
1	[illegible]					
2						
3						
4						
5						
6						

0972 BUNEMA $C_5H_8NO_3S_2K$ Potassium 3-hydroxymethyl-tetrahydro-1,3-thiazine-2-thione-5-carbodithioate



Mol. Wt. 233
Use Fungic., Bacteric., Nemato.
LD_{50} 1,200

Ref	A	B	C	D	E	F
1						
2						
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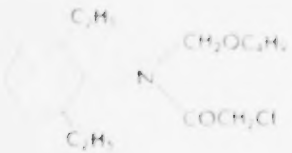
4						
5						
6						

0972 BUTACHLOR (Machete) $C_{17}H_{26}ClNO_2$ 2-Chloro-2',6'-diethyl-N-(butoxymethyl)-acetanilide



Mol. Wt. 312
Use Herbic.
LD_{50} 2,300

Ref	A	B	C	D	E	F
1						
2						
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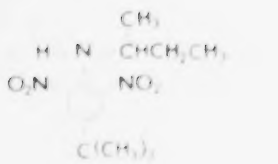
4						
5						
6						

0933 BUTRALIN (Amex 800) $C_{14}H_{21}N_3O_4$ 4-tert-Butyl-2,6-dinitro-N-(1-methylpropyl)-aniline or 4-(1,1-Dimethylethyl)-2,6-dinitro-N-(1-methylpropyl)-benzenamine



Mol. Wt. 295
Use Herbic.
LD_{50} 1,000

Ref	A	B	C	D	E	F
1						
2						
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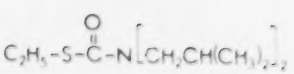
4						
5						
6						

0940 BUTYLATE (Sutan) $C_{11}H_{23}NOS$ S-ethyl N,N-di-isobutylthiocarbamate



Mol. Wt. 217
Use Herbic.
LD_{50} 4,659

Ref	A	B	C	D	E	F
1						
2						
3						
4						
5						
6						

Code	Common Name	Emp. Form.	Chemical Name	Structure

Mol Wt
Use
LD_{50}

Ref	A	B	C	D	E	F
1						
2						
3						
4						
5						
6						

Mol Wt
Use
LD_{50}

Ref	A	B	C	D	E	F
1						
2						
3						
4						
5						
6						

Mol Wt
Use
LD_{50}

Ref	A	B	C	D	E	F
1						
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3						
4						
5						
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Mol Wt
Use
LD_{50}

Ref	A	B	C	D	E	F
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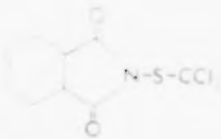
6						



Mol Wt
Use
LD_{50}

Ref	A	B	C	D	E	F
1						
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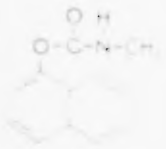

Code	Common Name	Emp Form	Chemical Name	Structure

Mol Wt
Use
LD_{50}

Ref	A	B	C	D	E	F
1						
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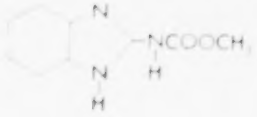

Mol Wt
Use
LD_{50}

Ref	A	B	C	D	E	F
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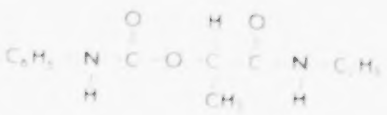

Mol Wt
Use
LD_{50}

Ref	A	B	C	D	E	F
1						
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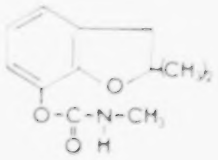

Mol Wt
Use
LD_{50}

Ref	A	B	C	D	E	F
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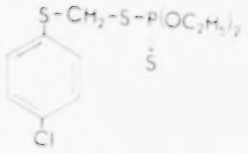

Mol Wt
Use
LD_{50}

Ref	A	B	C	D	E	F
1						
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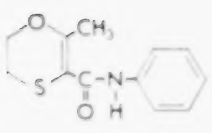

Code	Common Name	Emp. Form.	Chemical Name	Structure

Mol Wt
Use
LD_{50}

Ref	A	B	C	D	E	F
1						
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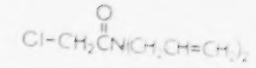
6						



Mol Wt
Use
LD_{50}

Ref	A	B	C	D	E	F
1						
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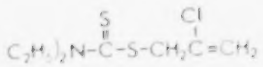

Mol Wt
Use
LD_{50}

Ref	A	B	C	D	E	F
1						
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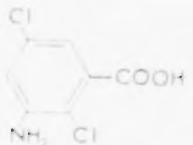
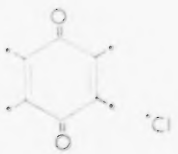
5						
6						



Mol Wt
Use
LD_{50}

Ref	A	B	C	D	E	F
1						
2						
3						
4						
5						
6						



Mol Wt
Use
LD_{50}

Ref	A	B	C	D	E	F
1						
2						
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4						
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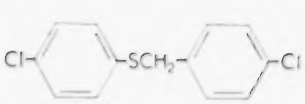
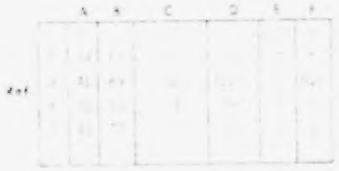
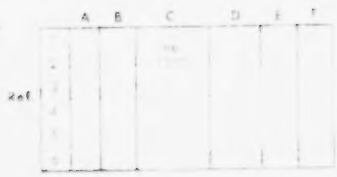
6						



Code	Common Name	Exp. Form	Chemical Name	Structure





Code	Common Name	Emp. Form.	Chemical Name	Structure

1261 CHLORDENE, ALPHA

Mol. Wt. 332

Use Compon. of tech. chlordane

LD_{50} 10,200

Ref	A	B	C	D	E	F
1						
2						
3						
4						
5						
6						

1262 CHLORDENE, BETA

Mol Wt 332

Use Compon. of tech. chlordane

LD_{50} 5,000

Ref	A	B	C	D	E	F
1						
2						
3						
4						
5						
6						

[illegible]

Mol Wt 332

Use Compon. of tech. chlordane

LD_{50} 3,000

Ref	A	B	C	D	E	F
1						
2						
3						
4						
5						
6						

[illegible]

Mol Wt 332.5

Use Acaricide

LD_{50} 470

Ref	A	B	C	D	E	F
1						
2						
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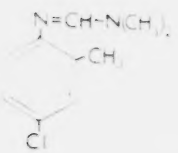
4						
5						
6						



[illegible]

Mol Wt 333.5

Use Insecticide

LD_{50} 1,000

Ref	A	B	C	D	E	F
1						
2						
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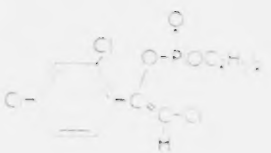
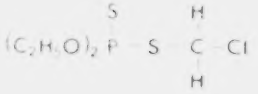
6						



Code	Common Name	Emp. Form	Chemical Name	Structure

Mol Wt
Use
LD_{50}

Ref	A	B	C	D	E	F
1						
2						
3						
4						
5						
6						



Mol Wt
Use
LD_{50}

Ref	A	B	C	D	E	F
1						
2						
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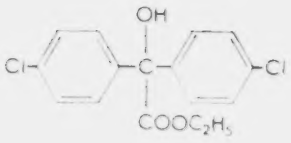
4						
5						
6						



Mol Wt
Use
LD_{50}

Ref	A	B	C	D	E	F
1						
2						
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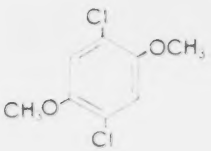
6						



Mol Wt
Use
LD_{50}

Ref	A	B	C	D	E	F
1						
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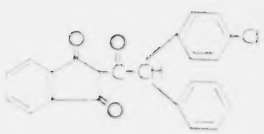
6						



Mol Wt
Use
LD_{50}

Ref	A	B	C	D	E	F
1						
2						
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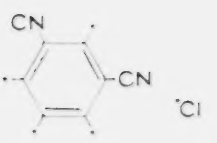
5						
6						



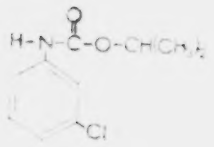
Code	Common Name	Emp. Form.	Chemical Name	Structure

Mol Wt

Use

LD_{50}

Ref	A	B	C	D	E	F
1						
2						
3						
4						
5						
6						



Mol Wt

Use

LD_{50}

Ref	A	B	C	D	E	F
1						
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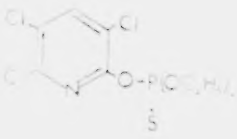

Mol Wt

Use

LD_{50}

Ref	A	B	C	D	E	F
1						
2						
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4						
5						
6						

Mol Wt

Use

LD_{50}

Ref	A	B	C	D	E	F
1						
2						
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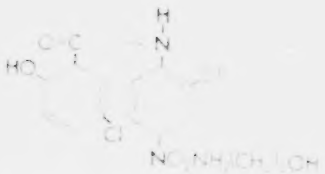
6						



Mol Wt

Use

LD_{50}

Ref	A	B	C	D	E	F
1						
2						
3						
4						
5						
6						

Code	Common Name	Emp. Form.	Chemical Name	Structure

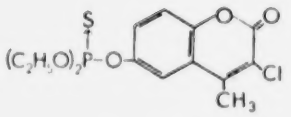
1540 COUMAPHOS (Co-Ral) $C_{14}H_{16}ClO_5PS$ O-(3-chloro-4-methyl-2-oxo-2H-1-benzopyran-7-yl)O,O-diethyl phosphorothioate

Mol. Wt. 363

Use Insectic.

LD_{50} 56-230

Ref		A	B	C	D	E	F
	1	C		II		1214	
	2	AL	67	50/6	1228	4	
	3	ZO	69	26	17	10	
	4	AP	68	61/2	358	4	
	5	AL	75	58/3	554	1114	
	6	AB	75	47/4	674	4	



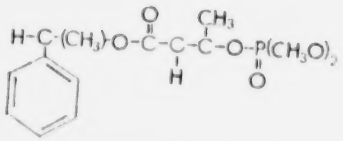
1500 CROTOXYPHOS (Ciodrin) $C_{14}H_{19}O_6P$ α-Methylbenzyl 3-hydroxy-crotonate dimethyl phosphate

Mol. Wt. 314

Use Insectic.

LD_{50} 125

Ref		A	B	C	D	E	F
	1	AL	70	53/5	1045	4	
	2	AO	64	12/6	1160	16	
	3	AE	64	52/3	502	16	
	4	AE	68	61/8	1270	2.7	
	5	AC	67	41	43	20	
	6						



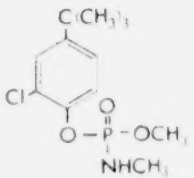
6020 CRUFOMATE (Ruelene) $C_{12}H_{19}ClNO_3P$ (±)-4-tert-Butyl-2-chlorophenyl O-methyl N-methyl phosphoramidate

Mol. Wt. 291

Use Insectic.

LD_{50} 1000

Ref		A	B	C	D	E	F
	1	AC	70	5	1000	10	
	2	AE	70	57	1000	4	
	3						
	4						
	5						
	6						



1180 CRYOLITE (Kryocide) Na_3AlF_6 Sodium fluoaluminate

Mol. Wt. 210

Use Insectic.

LD_{50} 1,000

Ref		A	B	C	D	E	F
	1	B	71	2,014	74	16	
	2						
	3						
	4						
	5						
	6						

Na_3AlF_6

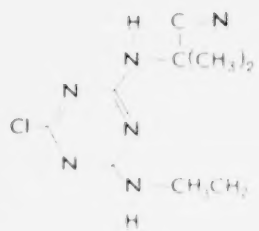
1550 CYANAZINE (Bladex) $C_9H_{13}N_6Cl$ 2-[(4-chloro-6-ethylamino-s-triazin-2-yl)amino]-2-methylpropionitrile

Mol. Wt. 240

Use Herbic.

LD_{50} 334

Ref		A	B	C	D	E	F
	1	0.1	73	22/6	1144	8	
	2	86		8.4	474	1.1	
	3	0.1	71	21.4	1016	1	
	4	0.1	70	21.6	1081	2	
	5	80		8/1	1	1	
	6						

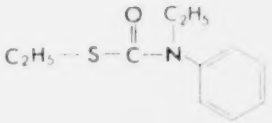


Code	Common Name	Emp. Form.	Chemical Name	Structure

1591 CYCLOATE (Ro-Neet) $C_{11}H_{21}NOS$ S-Ethyl ethylcyclohexyl-thiocarbamate

Mol. Wt. 215
Use Herbic.
LD_{50} 2,595

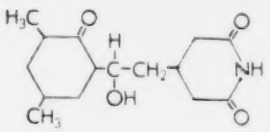
Ref.	A	B	C	D	E	F
1	C		II		6,12	af
2	72				4	a
3	AC	67	5	491	20	---
4						
5						
6						



1600 CYCLOHEXIMIDE (Actidione) $C_{15}H_{23}NO_4$ 3-[2-(3,5-Dimethyl-2-oxo-cyclohexyl)-2-hydroxyethyl]glutarimide

Mol. Wt. 281
Use Fungic.
LD_{50} 2.5

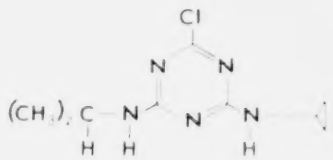
Ref.	A	B	C	D	E	F
1	GJ	69	8/3	211	11	s
2	AJ	73	21/1	83	10	w
3	BU				19	e
4						
5						
6						



1615 CYPRAZINE (Outfox) $C_9H_{14}ClN_5$ 2-Chloro-4-(cyclopropylamino)-6-(isopropylamino)-s-triazine

Mol. Wt. 228
Use Herbic.
LD_{50} 1,200

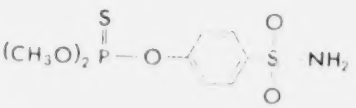
Ref.	A	B	C	D	E	F
1	3Z				2	a,u
2	AJ	73	21/1	93	1,2	ctu
3						
4						
5						
6						



1621 CYTHIOATE (Proban) $C_8H_{12}O_5PNS_2$ O,O-Dimethyl O-p-sulfamoylphenyl phosphorothioate

Mol. Wt. 297
Use Insectic.
LD_{50} 2,500+

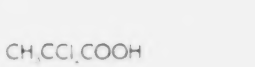
Ref.	A	B	C	D	E	F
1	AL	69	52/2	298	16	x
2	WO	71	60/2	213	11,14	s
3	WO	71	59/1	136	11,14	s
4	WO	70	48/3	478	11	s
5						
6						

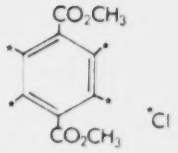


1660 DALAPON (Dowpon) $C_3H_4Cl_2O_2$ 2,2-Dichloropropionic acid

Mol. Wt. 143
Use Herbic.
LD_{50} 7,000

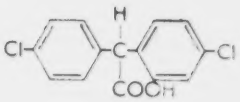
Ref.	A	B	C	D	E	F
1	C		II		11	3,+
2	AL	69	46	269	10	w
3	AK	69	55	639	12	t
4	AG	69	3	69	10	t
5	AL	69	60	824	7	8 lmn
6						



Code	Common Name	Emp. Form.	Chemical Name	Structure
1720	DCPA (Dacthal)	$C_{10}H_6Cl_4O_4$	Dimethyl 2,3,5,6-tetrachloroterephthalate	

Mol. Wt. 332
Use Herbic.
LD_{50} 3,000

Ref	A	B	C	D	E	F
1	C		II		6,12	d,g
2	AD	73	9/5	305	2	e
3	AL	71	54/6	1376	2,6	v
4	AL	74	57/3	595	6	l
5	AY	74	8/1	53	2	ktu
6	AY	69	5	345	2	f,u

Code	Common Name	Emp. Form.	Chemical Name	Structure
1740	DDA-p,p'	$C_{14}H_{10}Cl_2O_2$	Bis(p-chlorophenyl) acetic acid	

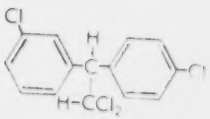
Mol. Wt. 281
Use DDT metabolite
LD_{50} 1,900

Ref	A	B	C	D	E	F
1	A		5, A, (4), (b)		7	m
2						
3						
4						
5						
6						

Code	Common Name	Emp. Form.	Chemical Name	Structure
1380	DDD, MIXED, TECH. (TDE, Rhothane)	$C_{14}H_{10}Cl_4$	2,2-Bis(chlorophenyl)-1,1-dichloroethane and related compounds	See structures below under 1820, 1760, and 1740.

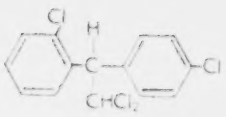
Mol Wt 320
Use Insectic.
LD_{50} 4,400

Ref	A	B	C	D	E	F
1			I		4	a
2	5		5,A(1), 3,31		2	klmu
3	5		3B,4		2,4	t
4	A		4,B		4	v
5	A		11,A		2,4	u
6						

Code	Common Name	Emp. Form.	Chemical Name	Structure
1820	DDE, p,p'	$C_{14}H_{10}Cl_2$	p-(p-Chlorophenyl)-α-(trichloromethyl)-1,1-dichloromethane	

Mol Wt 320
Use DDD metabolite
LD_{50} 3,400

Ref	A	B	C	D	E	F
1			See 1760			
2						
3						
4						
5						
6						

Code	Common Name	Emp. Form.	Chemical Name	Structure
1760	DDE, o,p'	$C_{14}H_{10}Cl_4$	o-(p-chlorophenyl)-α-(trichloromethyl)-1,1-dichloromethane	

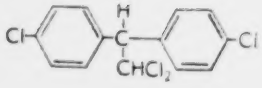
Mol Wt 320
Use Compon. of tech. DDD
LD_{50} ca. 3,400

Ref	A	B	C	D	E	F
1			See 1760			
2						
3						
4						
5						
6						

Code	Common Name	Emp. Form.	Chemical Name	Structure
1780	DDD, p,p'	$C_{14}H_{10}Cl_4$	2,2-Bis(p-chlorophenyl)-1,1-dichloroethane	

Mol Wt 320
Use Compon. of tech. DDD
LD_{50} 2,500-3,400

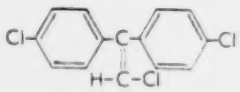
Ref.	A	B	C	D	E	F
1			See 1750			
2						
3						
4						
5						
6						



Code	Common Name	Emp. Form.	Chemical Name	Structure
1800	DDD, p,p', OLEFIN (DDMU)	$C_{14}H_9Cl_3$	1-Chloro-2,2-bis(p-chlorophenyl) ethylene	

Mol Wt 284
Use DDD Metabolite
LD_{50} ---

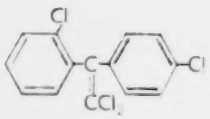
Ref	A	B	C	D	E	F
1			See 1750			
2						
3						
4						
5						
6						



Code	Common Name	Emp. Form.	Chemical Name	Structure
1840	DDE, p,p'	$C_{14}H_8Cl_4$	1,1-Dichloro-2-(p-chlorophenyl)-2-(p-chlorophenyl)ethylene	

Mol Wt 318
Use DDT metabolite
LD_{50} [illegible]

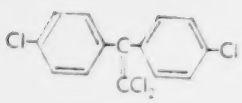
Ref	A	B	C	D	E	F
1			See 1750			
2						
3						
4						
5						
6						



Code	Common Name	Emp. Form.	Chemical Name	Structure
1860	DDE, p,p'	$C_{14}H_8Cl_4$	1,1-Dichloro-2,2-bis(p-chlorophenyl)ethylene	

Mol Wt 318
Use DDT metabolite
LD_{50} 760

Ref	A	B	C	D	E	F
1			See 1750			
2						
3						
4						
5						
6						



Code	Common Name	Emp. Form.	Chemical Name	Structure
1880	DDT, MIXED (TECH.)	$C_{14}H_9Cl_5$	Dichloro diphenyl trichloroethane (mixt. of metabolites of ca. 80% p,p' and 20% o,p')	

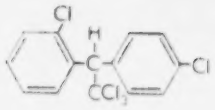
Mol Wt 354.5
Use Insectic.
LD_{50} 113

Ref	A	B	C	D	E	F
1			See 1750			
2						
3						
4						
5						
6						

Code	Common Name	Emp Form.	Chemical Name	Structure
[illegible]	[illegible]	[illegible]	[illegible]	

Mol Wt 354.5
Use [illegible]
LD_{50} [illegible]

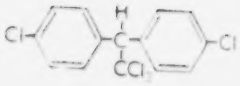
Ref	A	B	C	D	E	F
1						
2			See [illegible]			
3						
4						
5						
6						



Code	Common Name	Emp Form.	Chemical Name	Structure
[illegible]	[illegible]	$C_{14}H_9Cl_5$	1,1,1-Trichloro-2,2-bis(p-chlorophenyl)ethane	

Mol Wt 354.5
Use [illegible]
LD_{50} 113

Ref	A	B	C	D	E	F
1						
2			See [illegible]			
3						
4						
5						
6						



Code	Common Name	Emp Form.	Chemical Name	Structure
[illegible]	[illegible]	$C_{12}H_{27}OPS_3$	S,S,S-Tributyl phosphorotrithioate	

Mol Wt 314.5
Use [illegible]
LD_{50} 350

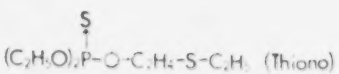
Ref	A	B	C	D	E	F
1	[illegible]		21		9	[illegible]
2	[illegible]	[illegible]	40/2	284	4	[illegible]
3	[illegible]	[illegible]	12/2	187	1	[illegible]
4						
5						
6						

$(CH_3CH_2CH_2CH_2S)_3P{=}O$

Code	Common Name	Emp Form.	Chemical Name	Structure
[illegible]	[illegible] (Systox-O) (Thiono)	$C_8H_{19}O_3PS_2$	O,O-Diethyl S-2-[(ethylthio)-ethyl]phosphorothioate	

Mol Wt 258
Use Insecticide
LD_{50} 7.5

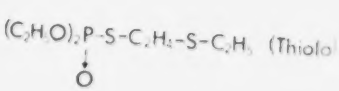
Ref	A	B	C	D	E
1	[illegible]	70	48/3	468	10
2	70	[illegible]	26	17	13
3	11	70	22	13	[illegible]
4					
5					
6					

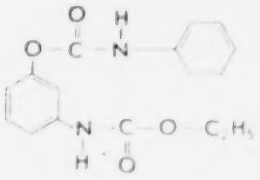


Code	Common Name	Emp Form.	Chemical Name	Structure
[illegible]	[illegible] (Systox-S) (Thiolo)	$C_8H_{19}O_3PS_2$	O,O-Diethyl S-2-[(ethylthio)-ethyl]phosphorothioate	

Mol Wt 258
Use Insecticide
LD_{50} 2.5

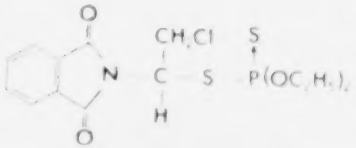
Ref	A	B	C	D	E	F
1	70	64	26	17	10	[illegible]
2	AL	64	52/1	157	3	[illegible]
3	BA	64	98/1117	275	1211	[illegible]
4						
5						
6						



Code	Common Name	Emp. Form.	Chemical Name	Structure
2006	DESMEDIPHAM (Betanex)	$C_{16}H_{16}N_2O_4$	Ethyl m-hydroxycarbanilate carbanilate(ester)	

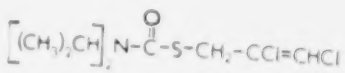
Mol. Wt 300
Use Herbic.
LD_{50} 10,250+

Ref	A	B	C	D	E	F
1	BM	70	10/4	340	10	a
2	70				10	af
3	nA				[illegible]	af
4					10	
5						
6						

Code	Common Name	Emp. Form.	Chemical Name	Structure
2035	DIALIFOR (Torak)	$C_{14}H_{17}O_4NS_2PCl$	S-(2-Chloro-1-phthalimidoethyl) O,O-diethyl phosphorodithioate	

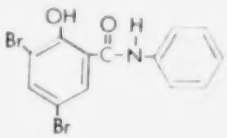
Mol. Wt 393.5
Use Insectic. & Miticide
LD_{50} 64

Ref	A	B	C	D	E	F
1	BA				[illegible]	a
2	AJ	71	14	400	[illegible]	[illegible]
3	AJ	71	19	1141	[illegible]	a
4						
5						
6						

Code	Common Name	Emp. Form.	Chemical Name	Structure
2040	DIALLATE (Avadex)	$C_{10}H_{17}Cl_2NOS$	S-(2,3-Dichloroallyl) diisopropylthiocarbamate	

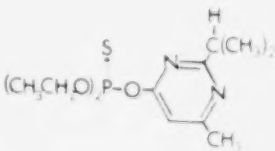
Mol. Wt 270
Use Herbic.
LD_{50} 395

Ref	A	B	C	D	E	F
1	AJ	BM	10/5	1000	2	a
2	AL	71	42/4	1364	[illegible]	[illegible]
3	FD	71	42/BM	113	10	a
4	BM	71	10/4	331	2	a
5						
6						

Code	Common Name	Emp. Form.	Chemical Name	Structure
2060	DIAMID (Brominal)	$C_{13}H_8Br_2NO_2$	3,4,5-Tribromosalicylanilide, 4,5-dibromosalicylanilide and other brominated salicylanilides	

Mol. Wt 371
Use Fungic.
LD_{50} 40.2

Ref	A	B	C	D	E	F
1						
2						
3						
4						
5						
6						

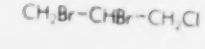
Code	Common Name	Emp. Form.	Chemical Name	Structure
2080	DIAZINON (Spectracide)	$C_{12}H_{21}N_2O_3PS$	O,O-Diethyl O-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate	

Mol. Wt 304
Use Insectic.
LD_{50} 108-150

Ref	A	B	C	D	E	F
1	C		11		10	a
2	AC	69	3	387	2	[illegible]
3	BA	69	48/1116	331	1	a
4	AL	69	92	1067	1	a
5	AJ	72	20	400	[illegible]	[illegible]
6	AL	73	67	1131	4	a

Code	Common Name	Emp. Form.	Chemical Name	Structure

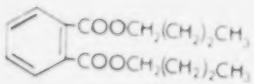
2090 DIBROMOCHLOROPROPANE (DBCP) $C_3H_5Br_2Cl$ 1,2-Dibromo-3-chloropropane and related halogenated C_3 hydrocarbons



Mol. Wt. 236
Use Soil Fumigant
LD_{50} 172

Ref	A	B	C	D	E	F
1	PB	70	35	59	12	t
2	TU				2	atu
3	AM	68	6	124	2	u
4	AJ	63	11/6	479		
5						
6						

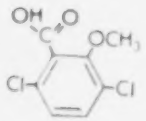
2120 DIBUTYL PHTHALATE (DBP) $C_{16}H_{22}O_4$ Di-n-butyl phthalate



Mol. Wt. 278
Use Insect Repellant
LD_{50} 20,000

Ref	A	B	C	D	E	F
1	AJ	73	21/6	1128	1	k
2	AD	74	12/6	721	2	j
3	BA	67	92/1068	575	2	t
4	AE		71-117273	-	10	t
5	GD	72	68/6	180	10	j
6						

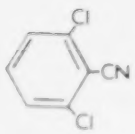
2140 DICAMBA (Banvel D) $C_8H_6Cl_2O_3$ 2-Methoxy-3,6-dichlorobenzoic acid



Mol. Wt. 221
Use Herbic.
LD_{50} 1,040

Ref	A	B	C	D	E	F
1	C		II		2	bc
2	AL	65	48	1164	2	a
3	AJ	64	22	453	2	tu
4	AJ	71	19	1181	11	a
5						
6						

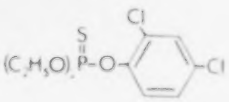
2200 DICHLOBENIL (Casoron) $C_7H_3Cl_2N$ 2,6-Dichlorobenzonitrile



Mol. Wt. 172
Use Herbic.
LD_{50} 3,160

Ref	A	B	C	D	E	F
1	C		II		2	e
2	AL	66	49	974	2	abtu
3	AD	67	2	178	6	a
4	WD	74	97	103	2	u
5						
6						

2220 DICHLOFENTHION (VC-13) $C_{10}H_{13}Cl_2O_3PS$ O-2,4-Dichlorophenyl O,O-diethyl phosphorothioate

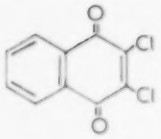


Mol. Wt. 315
Use Nematoc & Insectic.
LD_{50} 270

Ref	A	B	C	D	E	F
1	AJ	59	7	615	17	a
2	AL	64	47	287	12	a
3						
4						
5						
6						

Code	Common Name	Emp. Form.	Chemical Name	Structure

2180 DICHLONE (Phygon XL) $C_{10}H_4Cl_2O_2$ 2,3-Dichloro-1,4-naphthoquinone



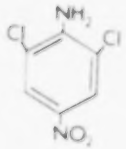
Mol Wt 227

Use Fungic.

LD_{50} 1,300

Ref	A	B	C	D	E	F
1	R		24,181-,198			
2	AJ	56	6	746	12	M,e
3	AJ	69	17	585	2	x
4						
5						
6						

2260 DICHLORAN (Botran) $C_6H_4Cl_2N_2O_2$ 2,6-Dichloro-4-nitroaniline



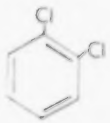
Mol Wt 207

Use Fungic.

LD_{50} 10,000

Ref	A	B	C	D	E	F
1	[illegible]		11		4,13	x
2						
3						
4						
5						
6						

2280 DICHLOROBENZENE, ORTHO (ODB) $C_6H_4Cl_2$ 1,2-Dichlorobenzene



Mol Wt 147

Use Herbic., N Insectic.

LD_{50} 500

Ref	A	B	C	D	E	F
1	BN	73	11(?)	585	1,4	f
2	ac	70	4202	183	8	x
3	ac	67	8003	77	2	x
4	Bd	72	3	281	1	f,x
5						
6						

2300 DICHLOROBENZENE, PARA (PDB) $C_6H_4Cl_2$ 1,4-Dichlorobenzene

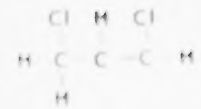
Mol Wt 147

Use Fumigant

LD_{50} 2,140

Ref	A	B	C	D	E	F
1	AJ	71	116	904	3	x,f
2	ac	70	4202	183	8	x
3	BN	71	803	647	33	x
4	ac	69	9003	77	2	x
5						
6						

2304 DICHLOROPROPENE (Telone) $C_3H_4Cl_2$ 1,3-Dichloropropene



Mol Wt 111

Use Nematic.

LD_{50} 371

Ref	A	B	C	D	E	F
1	AJ	71	3946	1270	4	x
2	BN	68	43(?)	1810	2	x
3	AJ	71	1804	1134	33	fu
4	Bd	71	9003	-	2	x
5	BN	78	4817	30,109	33	x
6						

Code	Common Name	Emp. Term	Chemical Name	Structure

Mol. Wt.
Use
LD_{50}

Mol. Wt.
Use
LD_{50}

Mol. Wt.
Use
LD_{50}

Mol. Wt.
Use
LD_{50}

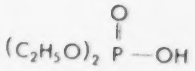
Mol. Wt.
Use
LD_{50}

Code	Common Name	Emp. Form.	Chemical Name	Structure

2386 DIETHYL PHOSPHATE (DEP) $C_4H_{11}O_4P$ O,O-Diethyl phosphate

Mol. Wt. 154
Use Derivative
LD_{50} ---

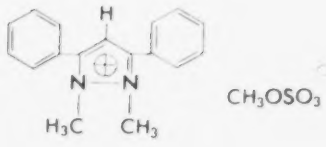
Ref.	A	B	C	D	E	F
1	A	74	6,A,(2),(a)		4	m
2						
3						
4						
5						
6						



2395 DIFENZOQUAT (Avenge) $C_{18}H_{20}N_2SO_4$ 1,2-Dimethyl-3,5-diphenyl-1H-pyrazolium methyl sulfate

Mol. Wt. 360
Use Herbic.
LD_{50} 470

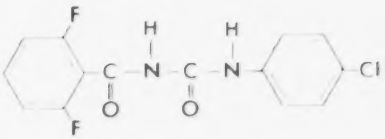
Ref.	A	B	C	D	E	F
1						
2						
3						
4						
5						
6						



2406 DIFLUBENZURON (TH-6040, Dimilin) $C_{14}H_9N_2O_2F_2Cl$ 1-(4-Chlorophenyl)-3-(2,6-difluorobenzoyl)urea

Mol. Wt. 311
Use Growth Regulat.
LD_{50} 10,000+

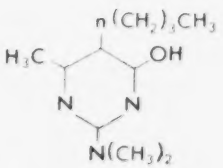
Ref.	A	B	C	D	E	F
1	AL	74	57/6	1269	16	a
2						
3						
4						
5						
6						



2416 DIMETHIRIMOL (Milcurb) $C_{11}H_{19}ON_3$ 5-n-Butyl-2-dimethylamino-4-hydroxy-6-methylpyrimidine

Mol. Wt. 209
Use Fungic.
LD_{50} 2,350

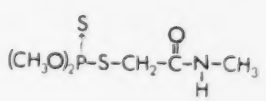
Ref.	A	B	C	D	E	F
1	7E				1122	a
2						
3						
4						
5						
6						



2420 DIMETHOATE (Cygon) $C_5H_{12}NO_3PS_2$ O,O-Dimethyl S-(N-methylcarbamoylmethyl) phosphorodithioate

Mol. Wt. 229
Use Insectic. & Acaric.
LD_{50} 215

Ref.	A	B	C	D	E	F
1	C		II		4,12	101
2	AL	74	57	930	3,4	de
3	AL	72	55	1280	4	ajor
4	BA	68	93	756	12,1	de
5	AJ	66	14	371	12	ao
6						

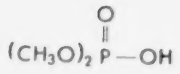


Code	Common Name	Emp. Form.	Chemical Name	Structure

2458 DIMETHYL PHOSPHATE (DMP) $C_2H_7O_4P$ O,O-Dimethyl phosphate

Mol. Wt. 126
Use Derivative
LD_{50} ---

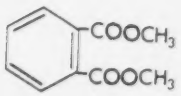
Ref.	A	B	C	D	E	F
1	A	74	6,A,(2),(a)		4	m
2						
3						
4						
5						
6						



2460 DIMETHYL PHTHALATE $C_{10}H_{10}O_4$ Dimethyl phthalate

Mol. Wt. 194
Use Insect Repellant
LD_{50} 8,200

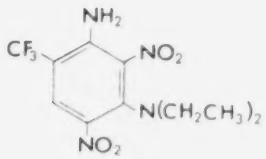
Ref.	A	B	C	D	E	F
1	AN	74	12/3	149	10	x
2	WD	70	46/2	137	3	x
3	GD	72	68/6	180	10	j
4						
5						
6						



2551 DINITRAMINE (Cobex) $C_{11}H_{13}F_3N_4O_4$ N^4,N^4-Diethyl-α,α,α-trifluoro-3,5-dinitrotoluene-2,4-diamine

Mol. Wt. 322
Use Herbic.
LD_{50} 3,000

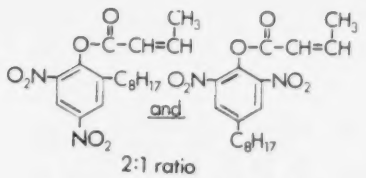
Ref.	A	B	C	D	E	F
1	AJ	72	20/6	1222	2	a,u
2	WD	74	97	103	2	u
3						
4						
5						
6						



2560 DINOCAP (Karathane) $C_{18}H_{24}N_2O_6$ 2-(1-Methylheptyl)-4,6-dinitrophenyl crotonate

Mol. Wt. 364
Use Fungic. & Mitic.
LD_{50} 980

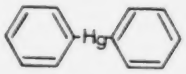
Ref.	A	B	C	D	E	F
1	AL	70	53	887	3	w
2	RD	71	9	761	11	ef
3						
4						
5						
6						



Code	Common Name	Exp Form	Chemical Name	Structure

Code	Common Name	Emp. Form.	Chemical Name	Structure

2640 DIPHENYL MERCURY $C_{12}H_{10}Hg$ Diphenyl mercury

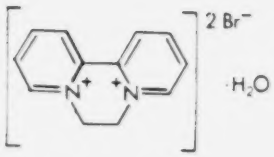


Mol.Wt. 355
Use Fungic.
LD_{50} 500

Ref

	A	B	C	D	E	F
1	AB	71	43	950	7	k
2	AI	71	1	85	10	k
3						
4						
5						
6						

2660 DIQUAT DIBROMIDE $C_{12}H_{12}Br_2N_2 \cdot H_2O$ 6,7-Dihydrodipyrido[1,2-a:2',1'-c]pyrazidinium dibromide, monohydrate

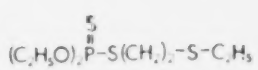


Mol Wt 362
Use Herbic. & Desiccant
LD_{50} 400

Ref

	A	B	C	D	E	F
1	C		11		12	i
2	AJ	66	14	377	15	f
3	BA	66	91	625	12	at
4	AJ	74	22	863	3	w
5	AC	67	5	347	20	---
6						

2720 DISULFOTON (Di-Syston) $C_8H_{19}O_2PS_3$ O,O-Diethyl S-[2-(ethylthio)-ethyl] phosphorodithioate

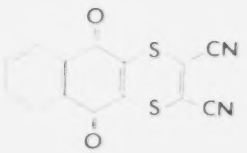


Mol Wt 274
Use Insectic.
LD_{50} 12.5

Ref

	A	B	C	D	E	F
1			11		4	Biden
2	AL	78	67/6	1033	8	t
3	AL	69	50/6	1231	8	ann
4	AJ	71	14/6	1196	1	f
5	AL	69	50/1	167	8	a
6	AJ	66	16/6	895	1	s

2721 DITHIANON (Thynon) $C_{14}H_4N_2O_2S_2$ 2,3-Dicarbonitrile-1,4-dithiaanthraquinone

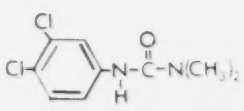


Mol Wt 296
Use Fungic.
LD_{50} 630

Ref

	A	B	C	D	E	F
1	PA				12	x
2						
3						
4						
5						
6						

2740 DIURON $C_9H_{10}Cl_2N_2O$ 3-(3,4-Dichlorophenyl)-1-dimethylurea



Mol Wt 233
Use Herbic.
LD_{50} 3,400

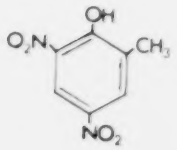
Ref

	A	B	C	D	E	F
1						
2						
3						
4						
5						
6						

Code	Common Name	Emp. Form.	Chemical Name	Structure
2770	DNOC	$C_7H_6N_2O_5$	4,6-Dinitro-o-cresol	

Mol. Wt. 198
Use Insectic. & Fungic.
LD_{50} 30

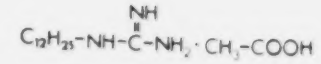
Ref	A	B	C	D	E	F
1	AL	68	51	24	2	a
2	AJ	71	19	1181	11	a
3	AJ	73	21	295	2	m
4						
5						
6						



Code	Common Name	Emp. Form.	Chemical Name	Structure
2780	DODINE (Carpene)	$C_{15}H_{33}N_3O_2$	n-Dodecylguanidine acetate	

Mol. Wt. 287
Use Fungic.
LD_{50} 1,000

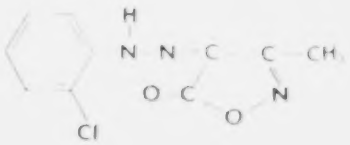
Ref	A	B	C	D	E	F
1	B		94,122-125			
2	C		11		12	e
3	AL	73	56	249	11	t
4						
5						
6						



Code	Common Name	Emp. Form.	Chemical Name	Structure
2742	DRAZOXOLON (Ganocide)	$C_{10}H_8O_2N_3Cl$	4-(2-Chlorophenylhydrazono)-3-methyl-5-isoxazolone	

Mol. Wt. 238
Use Fungic.
LD_{50} 126

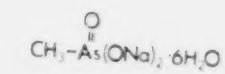
Ref	A	B	C	D	E	F
1	AJ				12	a
2						
3						
4						
5						
6						



Code	Common Name	Emp. Form.	Chemical Name	Structure
2860	DSMA	$CH_3AsO_3Na_2 \cdot 6H_2O$	Disodium methanearsonate, hexahydrate	

Mol. Wt. 292
Use Herbic.
LD_{50} 1,000

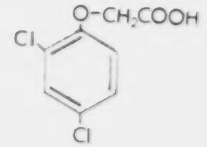
Ref	A	B	C	D	E	F
1	7F	64	33/7	279	21	abu
2	7B	64	22	61	21	a,u
3	AL	65	51/6	1300	18	w
4	AJ	72	26/2	341	6	w
5	9E				18	x
6						



Code	Common Name	Emp. Form.	Chemical Name	Structure
2440	2,4-D, AC10	$C_8H_6Cl_2O_3$	2,4-Dichlorophenoxyacetic acid	

Mol. Wt. 221
Use Herbic.
LD_{50} 500

Ref	A	B	C	D	E	F
1	C		11		3,6	bce
2	A		3,4,11,		2	ef
3	AL	64	65	187	2	t
4	AJ	71	14	73	2	u
5	AJ	71	14	186	2	u
6	AJ	74	22	463	2	t,u



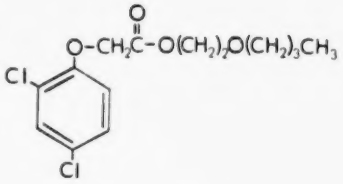
Code	Common Name	Emp. Form.	Chemical Name	Structure

2960 2,4-D, BUTOXYETHANOL ETHER ESTERS — $C_{14}H_{18}Cl_2O_4$ — 2,4-Dichlorophenoxyacetic acid, butoxy ethanol ether esters

59.3% n-Butoxyethyl ester 0.5% Butoxyethanol
39.6% IsoButoxyethyl ester 0.6% 2,4-D,acid

Mol. Wt. 321
Use Herbic.
LD_{50} 800

Ref.	A	B	C	D	E	F
1			See 2940			
2						
3						
4						
5						
6						

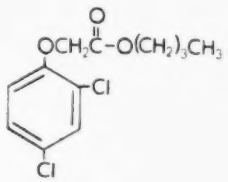


2980 2,4-D BUTYL ESTERS (MIXED)* — $C_{12}H_{14}Cl_2O_3$ — 2,4-Dichlorophenoxyacetic Acid, butyl esters

*Free acid 0.42% Other isomers 0.20%
n-butyl alcohol 0.66

Mol. Wt. 277
Use Herbic.
LD_{50} 500

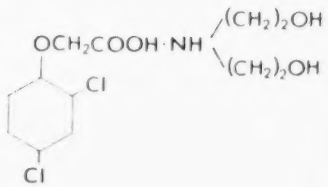
Ref.	A	B	C	D	E	F
1	AL	69	52	187	2	t
2						
3			See also 2940			
4						
5						
6						



2985 2,4-D, DIETHANOL AMINE SALT (Weedar 64D) — $C_{12}H_{17}Cl_2NO_5$ — 2,4-Dichlorophenoxyacetic acid, diethanolamine salt

Mol. Wt. 326
Use Herbic.
LD_{50} ---

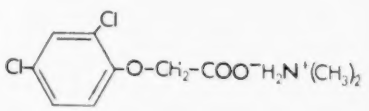
Ref.	A	B	C	D	E	F
1	AJ	65	13	123	2	b
2						
3			See also 2940			
4						
5						
6						



2990 2,4-D, DIMETHYLAMINE SALT — $C_{10}H_{13}Cl_2NO_3$ — 2,4-Dichlorophenoxyacetic acid, dimethylamine salt

Mol. Wt. 266
Use Herbic.
LD_{50} 500

Ref.	A	B	C	D	E	F
1	AK	68	60/7	827	2	t
2	AY	71	4/4	199	2	t,u
3	AD	72	7/(2-3)	115	2,16	k,u
4	AV	-	7'-2382	-	10	t
5			See also 2940			
6						

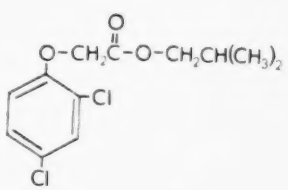


3000 2,4-D, ISOBUTYL ESTERS (MIXED)* — $C_{12}H_{14}Cl_2O_3$ — 2,4-Dichlorophenoxyacetic acid, isobutyl esters

*Free acid 0.13%; other Isomers 0.86

Mol. Wt. 277
Use Herbic.
LD_{50} 500

Ref.	A	B	C	D	E	F
1	AL	69	52	187	2	t
2						
3			See also 2940			
4						
5						
6						



Code	Common Name	Emp. Form.	Chemical Name	Structure

3020 2,4-D, ISOOCTYL ESTERS (MIXED)* $C_{16}H_{22}Cl_2O_3$ 2,4-Dichlorophenoxyacetic acid, isooctyl esters

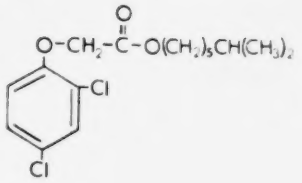
*Free acid 0.08% Other isomers 0.20% Ethyl hexyl alcohol 1.6%

Mol. Wt. 333

Use Herbic.

LD_{50} 500

Ref.	A	B	C	D	E	F
1	AL	69	52	187	2	t
2			See also 2940			
3						
4						
5						
6						



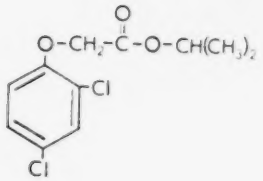
3040 2,4-D, ISOPROPYL ESTER $C_{11}H_{12}Cl_2O_3$ 2,4-Dichlorophenoxyacetic acid, isopropyl ester

Mol. Wt. 263

Use Herbic.

LD_{50} 700

Ref.	A	B	C	D	E	F
1	AL	69	52	187	2	t
2			See also 2940			
3						
4						
5						
6						



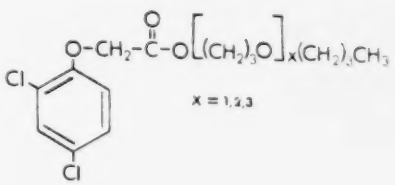
3060 2,4-D, PROPYLENE GLYCOL BUTYL ETHER ESTERS 1. $C_{15}H_{20}Cl_2O_4$ 2. $C_{18}H_{26}Cl_2O_5$ 3. $C_{21}H_{32}Cl_2O_6$ 2,4-Dichlorophenoxyacetic acid, propylene glycol butyl ether esters

Mol. Wt. 358 (average)

Use Herbic.

LD_{50} 500

Ref.	A	B	C	D	E	F
1	AL	69	52	187	2	t
2			See also 2940			
3						
4						
5						
6						



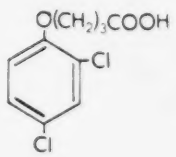
3080 2,4-DB, ACID $C_{10}H_{10}Cl_2O_3$ 4-(2,4-Dichlorophenoxy) butyric acid

Mol. Wt. 249

Use Herbic.

LD_{50} 400

Ref.	A	B	C	D	E	F
1	AJ	71	19	1181	11	a
2	AC	67	5	369	20	---
3						
4						
5						
6						



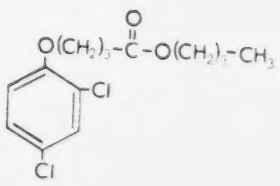
3100 2,4-DB, BUTYL ESTER $C_{14}H_{18}Cl_2O_3$ 4-(2,4-Dichlorophenoxy)butyric acid, butyl ester

Mol. Wt. 305

Use Herbic.

LD_{50} ca. 400

Ref.	A	B	C	D	E	F
1			See 3080			
2						
3						
4						
5						
6						

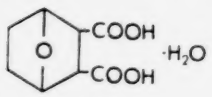


Code	Common Name	Emp. Form	Chemical Name	Structure

Code	Common Name	Emp. Form.	Chemical Name	Structure
3240	ENDOTHALL, ACID	$C_8H_{12}O_6$	7-Oxabicyclo(2.2.1)heptane-2,3-dicarboxylic acid monohydrate	

Mol. Wt. 204
Use Herbic.
LD_{50} 51

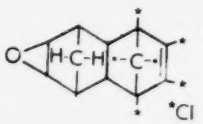
Ref.	A	B	C	D	E	F
1	C		II		6	g
2	AJ	73	21/5	842	1	t,u
3						
4						
5						
6						



3260 ENDRIN $C_{12}H_8Cl_6O$ 1,2,3,4,10,10-Hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4-endo, endo-5,8-dimethanonaphthalene

Mol. Wt. 381
Use Insectic.
LD_{50} 10

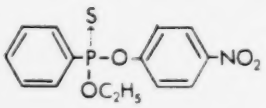
Ref.	A	B	C	D	E	F
1	C		I		2	a
2	A				2	gltu
3	AL	69	52	1220	2	bc
4	AL	69	52	1280	2	acj
5	AD	72	8	169	2	ktu
6	AL	74	57	585	2	ktu



3280 EPN $C_{14}H_{14}NO_4PS$ O-Ethyl O-p-nitrophenyl phenylphosphonothioate

Mol. Wt. 323
Use Acaric. & Insectic.
LD_{50} 42

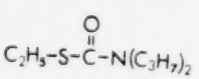
Ref.	A	B	C	D	E	F
1	C		I			
2	AJ	67	15	187	2	a
3	AL	74	57	930	3,4	de
4	AL	74	57	1288	12	j
5						
6						



3300 EPTC (Eptam) $C_9H_{19}NOS$ S-Ethyl dipropylthiocarbamate

Mol. Wt. 189
Use Herbic.
LD_{50} 1,631

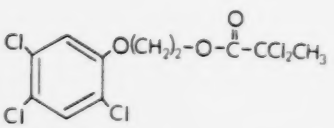
Ref.	A	B	C	D	E	F
1	C		II		6	de
2	AL	71	54/6	1366	4,9	bde
3	AJ	68	16/5	839	2,3	fg f
4	RC	71	36,4	84	3	f
5	WD	72	64/2	383	11,7	x
6						



3320 ERBON (Baron) $C_{11}H_9Cl_5O_3$ 2-(2,4,5-Trichlorophenoxy) ethyl 2,2-dichloropropionate

Mol. Wt. 366
Use Herbic.
LD_{50} 1,120

Ref.	A	B	C	D	E	F
1	AJ	69	17	1171	2	klmn
2	AJ	70	18	845	2	j
3	AL	71	54	327	2	x
4						
5						
6						

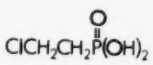


Code	Common Name	Emp. Form.	Chemical Name	Structure
3330	ETHEPHON (CEPHA)	$C_2H_6ClO_3P$	(2-Chloroethyl)phosphonic acid	

Mol. Wt. 144.5
Use Growth Regulat.
LD_{50} 4,229

Ref.

	A	B	C	D	E	F
1	WD	71	60/2	219	11	g
2	AJ	73	21	742	3	mno
3	AL	70	53/4	730	9	ef
4	AJ	75	23/2	290	9	e
5						
6						



3335	ETHIOLATE (Prefox)	$C_7H_{15}NOS$	S-Ethyl diethylthiocarbamate	

Mol.Wt. 161
Use Herbic.
LD_{50} 400

Ref.

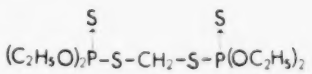
	A	B	C	D	E	F
1	3Z				4	c
2						
3						
4						
5						
6						

3340	ETHION	$C_9H_{22}O_4P_2S_4$	O,O,O',O'-Tetraethyl S,S'-methylene bisphosphorodithioate	

Mol.Wt. 384.5
Use Insectic. & Mitic.
LD_{50} 27-65

Ref.

	A	B	C	D	E	F
1	C		I		12	a
2	C		II		12,17	de
3	AL	67	50	430	2	ae
4	AL	74	57	1033	4	t
5						
6						

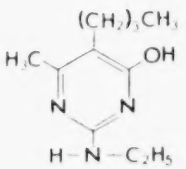


3359	ETHIRIMOL (Milstem)	$C_{11}H_{19}ON_3$	5-Butyl-2-(ethylamino)-6-hydroxy-4-methylpyrimidine	

Mol.Wt. 209
Use Fungic.
LD_{50} 4,000 (female rats)

Ref.

	A	B	C	D	E	F
1	4I				9	bc
2						
3						
4						
5						
6						

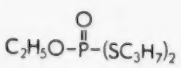


5880	ETHOPROP (Mocap)	$C_8H_{19}O_2PS_2$	O-Ethyl S,S,-dipropyl phosphorodithioate	

Mol.Wt. 242
Use Nematoc.
LD_{50} 30-56

Ref.

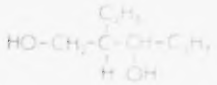
	A	B	C	D	E	F
1	C		II		6	cde
2						
3						
4						
5						
6						



Code	Common Name	Emp. Form.	Chemical Name	Structure

Mol Wt
Use
LD_{50}

Ref	A	B	C	D	E	F
1						
2						
3						
4						
5						
6						

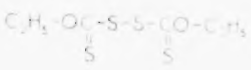


Mol Wt
Use
LD_{50}

Ref	A	B	C	D	E	F
1						
2						
3						
4						
5						
6						

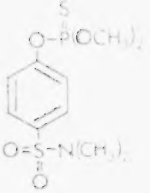
Mol Wt
Use
LD_{50}

Ref	A	B	C	D	E	F
1						
2						
3						
4						
5						
6						



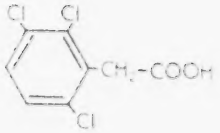
Mol Wt
Use
LD_{50}

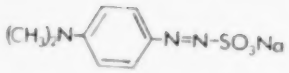
Ref	A	B	C	D	E	F
1						
2						
3						
4						
5						
6						



Mol Wt
Use
LD_{50}

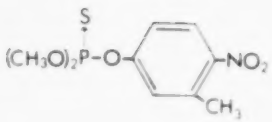
Ref	A	B	C	D	E	F
1						
2						
3						
4						
5						
6						



Code	Common Name	Emp. Form.	Chemical Name	Structure
2020	FENAMINOSULF (Dexon)	$C_8H_{10}N_3O_3SNa$	p-(Dimethylamino)benzenediazo sodium sulfonate	

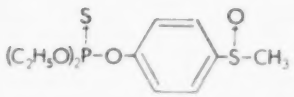
Mol. Wt. 251
Use Fungic.
LD_{50} 60

Ref.	A	B	C	D	E	F
1		•				
2						
3						
4						
5						
6						

Code	Common Name	Emp. Form.	Chemical Name	Structure
3480	FENITROTHION (Sumithion)	$C_9H_{12}NO_5PS$	O,O-Dimethyl O-(4-nitro-m-tolyl) phosphorothioate	

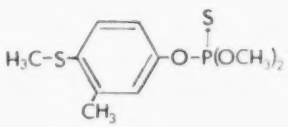
Mol. Wt. 277
Use Insectic.
LD_{50} 250

Ref.	A	B	C	D	E	F
1	AL	74	57/6	1282	4	ktu
2	AJ	69	17/2	271	2	ao
3	AD	72	8/1	10	4	au
4	AL	74	57/6	1272	4	t
5	AL	74	57/6	1285	4	ae
6	AP	71	64	1394	4	omno

Code	Common Name	Emp. Form.	Chemical Name	Structure
3500	FENSULFOTHION (Dasanit)	$C_{11}H_{17}O_4PS_2$	O,O-Diethyl O-[p-(methylsulfinyl) phenyl] phosphorothioate	

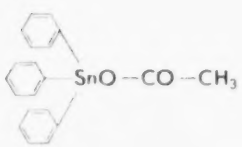
Mol. Wt. 308
Use Insectic.
LD_{50} 2-11

Ref.	A	B	C	D	E	F
1	C		II		9,11	a
2	AJ	72	20/6	1219	3	u
3	AJ	71	19/3	456	4	a,f
4	AJ	71	19/2	342	4	aco
5	AC	73	7	253	20	---
6						

Code	Common Name	Emp. Form.	Chemical Name	Structure
3520	FENTHION (Baytex)	$C_{10}H_{15}O_3PS_2$	O,O-Dimethyl O-[4-(methylthio)-m-tolyl] phosphorothioate	

Mol. Wt. 278
Use Insectic.
LD_{50} 215

Ref.	A	B	C	D	E	F
1	C		II		9,4	j,o
2	AL	69	52/6	1231	4	anu
3	AJ	66	14/6	619	2	aj
4	AJ	68	16/3	399	4	ao
5	AD	71	6/1	55	4	x
6	AG	67	1/8	639	2,4	t

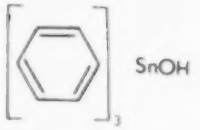
Code	Common Name	Emp. Form.	Chemical Name	Structure
3527	FENTIN ACETATE (Brestan)	$C_{20}H_{18}O_2Sn$	Triphenyltin acetate	

Mol. Wt. 409
Use Fungic., Algic. & Molluscic.
LD_{50} 140-491

Ref.	A	B	C	D	E	F
1	WC	72	78/1	41	15	a
2	BF	70	17/11	1059	15	t
3	WB	70	71/1	192	14	af
4	AE	-	66-75003X	-	10	c
5	4E				15	aef
6						

Code	Common Name	Emp. Form.	Chemical Name	Structure

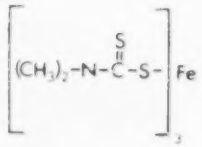
3540 FENTIN HYDROXIDE (Duter) $C_{18}H_{16}OSn$ Triphenyltin hydroxide



Mol. Wt. 367
Use Fungic.
LD_{50} 500

Ref		A	B	C	D	E	F
	1	C		II		12	sh
	2	BI				12	ghu
	3						
	4						
	5						
	6						

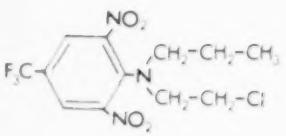
3600 FERBAM $C_9H_{18}N_3S_6Fe$ Ferric dimethyldithiocarbamate



Mol. Wt. 416.5
Use Fungic.
LD_{50} 4,000

Ref		A	B	C	D	E	F
	1	C		II		12	a
	2	AL	69	52/6	1276	4	a
	3	AL	69	52/1	249	12	x
	4	WD	68	14	348	10	x
	5	BE	71	2/6	249	12	x
	6	GF	71	14	707	12	a

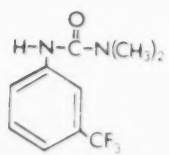
0407 FLUCHLORALIN (Basalin) $C_{12}H_{13}ClF_3N_3O_4$ N-Propyl-N-(2-chloroethyl)-α,α,α-trifluoro-2,6-dinitro-p-toluidine



Mol. Wt. 356
Use Herbic.
LD_{50} 1,550

Ref		A	B	C	D	E	F
	1	IQ				1,2	agtk
	2						
	3						
	4						
	5						
	6						

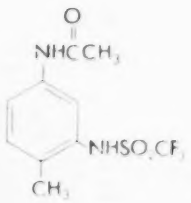
3620 FLUOMETURON (Cotoran) $C_{10}H_{11}F_3N_2O$ 1,1-Dimethyl-3-(α,α,α-trifluoro-m-tolyl)urea



Mol. Wt. 232
Use Herbic.
LD_{50} 11,100

Ref		A	B	C	D	E	F
	1	C		II		12	q1
	2	WD	69	44	419	11	u
	3	AJ	69	17	1409	10	w
	4	BH	71	11	111	12	u
	5	WD	68	36	234	2	x
	6						

3623 FLUORIDAMID (Sustar 2-S) $C_{10}H_{11}N_2O_3F_3S$ N-4-Methyl-3-[[(1,1,1-trifluoromethyl)sulfonyl]amino]phenyl]acetamide



Mol. Wt. 264
Use Plant Growth Regulator
LD_{50} 9,230

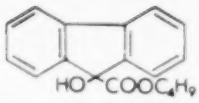
Ref		A	B	C	D	E	F
	1	42				2	u
	2						
	3						
	4						
	5						
	6						

Code	Common Name	Emp. Form.	Chemical Name	Structure

3630 FLURECOL-n BUTYL ESTER (Florenol) $C_{18}H_{18}O_3$ n-Butyl 9-hydroxyfluorene-(9)-carboxylate

Mol. Wt. 282
Use Herbic.
LD_{50} 5,000

Ref	A	B	C	D	E	F
1	WD	68	36/3	318	11	x
2	AX	72	6	157	21	act
3						w
4						
5						
6						



3640 FOLEX (Merphos) $C_{12}H_{27}PS_3$ Tributyl Phosphorotrithiotte

Mol. Wt. 298.5
Use Defoliant
LD_{50} 1,270

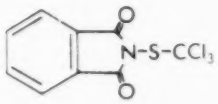
Ref	A	B	C	D	E	F
1	AL	70	53/3	499	4	x
2	AL	71	54/2	359	2,9	x
3	SM				6	g
4						
5						
6						

$(C_4H_9S)_3P$

3660 FOLPET (Phaltan) $C_9H_6Cl_3NO_2S$ N-(Trichloromethylthio) phthalimide

Mol. Wt. 297
Use Fungic.
LD_{50} 10,000

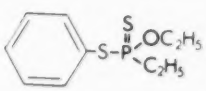
Ref	A	B	C	D	E	F
1	C		11		12	d,e
2	AL	70	53	154	2	a
3	BA	72	87	713	2	e
4						
5						
6						



2910 FONOFOS (Dyfonate) $C_{10}H_{15}OPS_2$ O-Ethyl S-phenyl ethyl-phosphonodithioate

Mol. Wt. 246
Use Insectic.
LD_{50} 8-16

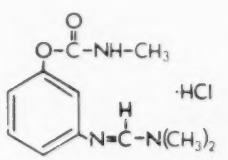
Ref	A	B	C	D	E	F
1	C		11		9,11	a
2	AL	71	54	1086	4	b
3						
4						
5						
6						



3680 FORMETANATE HYDROCHLORIDE (Carzol SP) $C_{11}H_{15}N_3O_2 \cdot HCl$ m[[(Dimethylamino)methylene]amino]phenyl methylcarbamate hydrochloride

Mol. Wt. 258
Use Acaric. & Insectic.
LD_{50} 20

Ref	A	B	C	D	E	F
1	C		11		2,11	e
2	GA				2,12	a
3						
4						
5						
6						

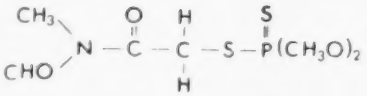


Code	Common Name	Emp. Form.	Chemical Name	Structure

3722 FORMOTHION (Anthio) $C_6H_{12}NO_4PS_2$ O,O-Dimethyl S-(N-methyl-N-formylcarbamoyl-methyl)phosphorodithioate

Mol. Wt. 257
Use Insectic.
LD_{50} 365

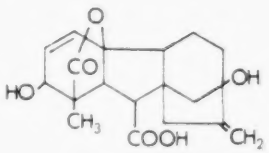
Ref.	A	B	C	D	E	F
1	7M				3,9	aeu
2						
3						
4						
5						
6						



3790 GIBBERELLIC ACID $C_{19}H_{22}O_6$ Gibb-3-ene-1,10-dicarboxylic acid, 2,4a,7-trihydroxy-1-methyl-8-methylene-1,4a-lactone

Mol. Wt. 346
Use Plant Growth Regulator
LD_{50} --- (relativ. non-toxic)

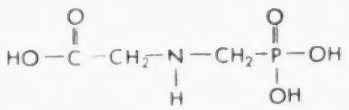
Ref.	A	B	C	D	E	F
1	C		II		11,14	de
2	AF	71	32/4	20018	2	a
3	AC	67	5	413	20	-
4						
5						
6						



3801 GLYPHOSATE (Roundup) $C_3H_8NO_5P$ N-(Phosphonomethyl)glycine

Mol. Wt. 169
Use Herbic.
LD_{50} 4,320

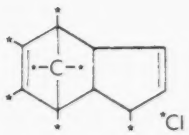
Ref.	A	B	C	D	E	F
1	50				4	b,c
2						
3						
4						
5						
6						



3860 HEPTACHLOR $C_{10}H_5Cl_7$ 1,4,5,6,7,8,8-Heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene

Mol. Wt. 373
Use Insectic.
LD_{50} 90

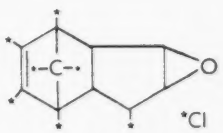
Ref.	A	B	C	D	E	F
1	A				2	jlt
2	C		I		2	uv
3	C		II		12	aou
4	AL	69	52	1220	2	adf
5	AL	74	57	585	2	b,c
6						ktu



3880 HEPTACHLOR EPOXIDE $C_{10}H_5Cl_7O$ 1,4,5,6,7,8,8-Heptachloro-2,3-epoxy-2,3,3a,4,7,7a-hexahydro-4,7-methanoindene

Mol. Wt. 389
Use Derivative of heptachlor
LD_{50} 40-60

Ref.	A	B	C	D	E	F
1						
2			See 3860			
3						
4						
5						
6						

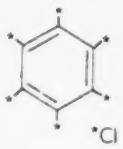


Code	Common Name	Emp. Form.	Chemical Name	Structure

3920 HEXACHLOROBENZENE (HCB) C_6Cl_6 Hexachlorobenzene

Mol. Wt. 285
Use Fungic.
LD_{50} ---

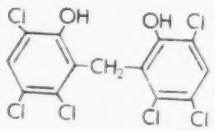
Ref	A	B	C	D	E	F
1	A		5,a,(1)%; 12F		2	J
2	C		II		6	a
3	AL	72	55	806	2	o,p
4	AL	74	57	580	2	j
5	AS	74	8	584	2	v
6						



3940 HEXACHLOROPHENE (Nabac) $C_{13}H_6Cl_6O_2$ 2,2'-Methylene bis(3,4,6-trichlorophenol)

Mol. Wt. 407
Use Fungic., Bacteric. & Acaric.
LD_{50} 300

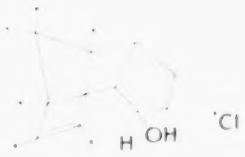
Ref	A	B	C	D	E	F
1	AS	69	58	251	2	1
2	AL	70	53	522	2	c
3	AS	73	10	57	2	1
4						
5						
6						



3960 1-HYDROXYCHLORDENE $C_{10}H_6Cl_6O$ 1-exo-Hydroxy-4,5,6,7,8,8-hexachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene

Mol. Wt. 356
Use Heptachlor derivative
LD_{50} 2,400

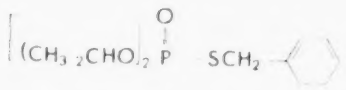
Ref	A	B	C	D	E	F
1	A		3,A		2	*
2	C		II		2	d
3	AJ	72	30	328	2	dAu
4						
5						
6						



4011 IBP (Kitazin) $C_{13}H_{21}O_3PS$ O,O-Diisopropyl S-benzyl thiophosphate

Mol. Wt. 288
Use Fungic.
LD_{50} 660 (mice)

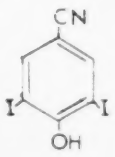
Ref	A	B	C	D	E	F
1						
2						
3						
4						
5						
6						



4040 IOXYNIL (Actril) $C_7H_3I_2NO$ 4-Hydroxy-3,5-diiodobenzonitrile

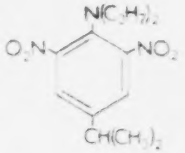
Mol. Wt. 371
Use Herbic.
LD_{50} 110

Ref	A	B	C	D	E	F
1	AC	67	5	423	20	---
2	AL	65	48/6	1173	2	x
3	AM	68	6/1	9	2,3	x
4						
5						
6						



Code	Common Name	Emp. Form.	Chemical Name	Structure

4070 ISOPROPALIN (Paarlan) $C_{15}H_{23}N_3O_4$ 4,6-Dinitro-N,N-dipropylcumidine



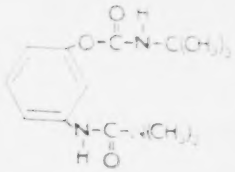
Mol Wt 309

Use herbicide

LD_{50} 5,000+

Ref	A	B	C	D	E	F
1	2	70	111	426	2.1	+
2	30				2.1	+
3						
4						
5						
6						

6820 KARBUTILATE (Tandex) $C_{14}H_{21}N_3O_3$ 3-tert-Butyl-5-methyluracil dimethylcarbamate



Mol Wt 279

Use herbicide

LD_{50} 1,000

Ref	A	B	C	D	E	F
1	90				+	+
2						
3						
4						
5						
6						

8168 LAMBRIDIN (TEM) $C_{12}H_{11}NO_3$ Sodium 2-(4-nitrophenoxy)-2-propenoate

Mol Wt 217

Use fungicide

LD_{50} 10,000

Ref	A	B	C	D	E	F
1	80	70	111	426	2.1	+
2						
3						
4						
5						
6						

8180 LEAD ARSENATE $PbHAsO_4$ Acid lead arsenate

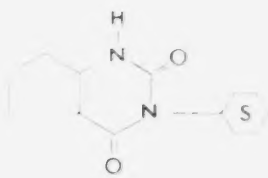
Mol Wt 347

Use insecticide

LD_{50} 100

Ref	A	B	C	D	E	F
1	80	70	111	426	2.1	+
2						
3						
4						
5						
6						

8345 LENACIL (Venzar) $C_{13}H_{18}N_2O_2$ 3-Cyclohexyl-6,7-trimethylene-2,4(1H,3H)-quinazolinedione



Mol Wt 234

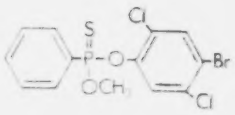
Use herbicide

LD_{50} 11,000

Ref	A	B	C	D	E	F
1	80	70	111	426	2.1	+
2						
3						
4						
5						
6						

Code	Common Name	Emp. Form.	Chemical Name	Structure

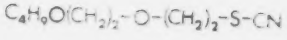
4190 LEPTOPHOS (Phosvel) $C_{13}H_{10}BrCl_2O_2PS$ O-(4-Bromo-2,5-dichlorophenyl) O-methyl phenylphosphonothioate



Mol. Wt. 412
Use Insectic.
LD_{50} 53

Ref	A	B	C	D	E	F
1	AL	74	57/5	1055	4	g
2	AL	74	57/1	180	4	d
3	AJ	75	23/1	40	4	gd
4	AJ	74	22/4	704	10, 11, 17	d,e
5						
6						

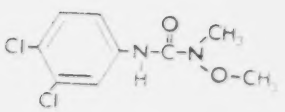
4220 LETHANE 384 $C_8H_{17}NO_2S$ 1-Butoxy-2-(2-thiocyanoethyl ether



Mol. Wt. 203
Use Insectic.
LD_{50} 90

Ref	A	B	C	D	E	F
1	AJ	61	c	478	13	jm
2						
3						
4						
5						
6						

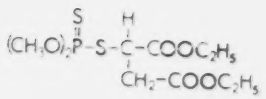
4240 LINURON (Lorox) $C_9H_{10}Cl_2N_2O_2$ 3-(3,4-dichlorophenyl)-1-methoxy-1-methylurea



Mol. Wt. 249
Use Herbic.
LD_{50} 1,500

Ref	A	B	C	D	E	F
1	C		II		10	x
2	AL	66	49	492	11, 2	t
3	AD	67	7	75	10	u
4	AJ	69	17	1409	3	x
5	AD	71	57	303	12	tx
6	AC	67	3	433	20	---

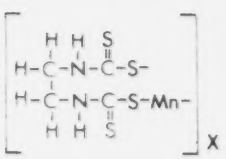
4260 MALATHION $C_{10}H_{19}O_6PS_2$ Diethyl mercaptosuccinate, S-ester with O,O-dimethyl phosphorodithioate



Mol. Wt. 330
Use Insectic.
LD_{50} 1,000-1,375

Ref	A	B	C	D	E	F
1	C		II		12	3e
2	AL	74	57	1033	4	s
3	AL	71	54	513	4	a
4	AJ	68	16	861	4	a,n
5	AL	67	50	581	4	o
6	AD	68	3	247	2	ac

4300 MANEB $(C_4H_6MnN_2S_4)_x$ (Polymeric) Manganous ethylenebis(dithiocarbamate)



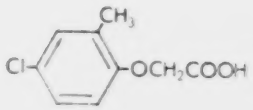
Mol. Wt. *265
Use Fungic.
LD_{50} 6,750
***Unit mol. wt.**

Ref	A	B	C	D	E	F
1	C		II		12	a
2	AL	69	52	1226	4	d,e
3	AL	71	54/6	1373	3	a,b
4						
5						
6						

Code	Common Name	Emp. Form.	Chemical Name	Structure
4340	MCPA	$C_9H_9ClO_3$	(4-Chloro-2-methylphenoxy)-acetic acid	

Mol. Wt 201
Use Herbic.
LD_{50} 700

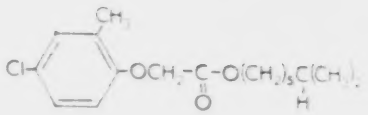
Ref	A	B	C	D	E	F
1	AL	69	52	167	2	5
2	WD	71	57	203	11	34
3	AE	67	5	434	20	-
4						
5						
6						



Code	Common Name	Emp. Form.	Chemical Name	Structure
4360	MCPA, ISOOCTYL ESTER	$C_{17}H_{25}ClO_3$	Isooctyl (4-chloro-2-methylphenoxy)acetate	

Mol. Wt 311
Use Herbic.
LD_{50} 700

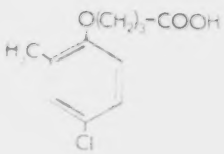
Ref	A	B	C	D	E	F
1			See 4340			
2						
3						
4						
5						
6						



Code	Common Name	Emp. Form.	Chemical Name	Structure
4380	MCPB	$C_{11}H_{13}ClO_3$	4-(4-Chloro-2-methylphenoxy)butyric acid	

Mol. Wt 228
Use Herbic.
LD_{50} 700

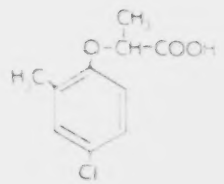
Ref	A	B	C	D	E	F
1	AL	64	57	140	2	5
2	WD	71	57	203	11	34
3	AE	67	44	340	20	8
4						
5						
6						



Code	Common Name	Emp. Form.	Chemical Name	Structure
4400	MCPP	$C_{10}H_{11}ClO_3$	2-(4-Chloro-2-methylphenoxy)propionic acid	

Mol. Wt 214
Use Herbic.
LD_{50} 650

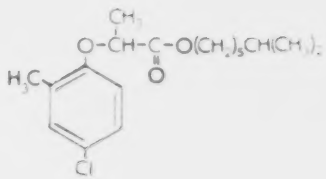
Ref	A	B	C	D	E	F
1	AL	71	57	203	11	34
2	AE	71	19	1111	11	40
3						
4						
5						
6						



Code	Common Name	Emp. Form.	Chemical Name	Structure
4420	MCPP, ISOOCTYL ESTER	$C_{18}H_{27}ClO_3$	Isooctyl 2-(4-chloro-2-methylphenoxy)propionate	

Mol. Wt 327
Use Herbic.
LD_{50} ca. 650

Ref	A	B	C	D	E	F
1			See 4400			
2						
3						
4						
5						
6						

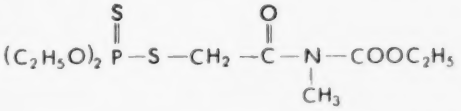


Code	Common Name	Emp. Form.	Chemical Name	Structure

4441 **MECARBAM (MC-474)** $C_{10}H_{20}NO_5PS$ S-[N-Ethoxycarbonyl-N-methyl-carbamoylmethyl] O,O-diethyl phosphorodithioate

Mol. Wt. 297
Use Insecticide & Acaricide
LD_{50} 36

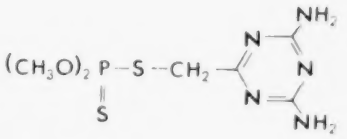
Ref.	A	B	C	D	E	F
1	BA	69	94/1117	275	4,11	t
2						
3						
4						
5						
6						



4453 **MENAZON (Azidithion)** $C_6H_{12}N_5O_2PS_2$ S-[(4,6-Diamino-1,3,5-triazin-2-yl)methyl] O,O-dimethyl phosphorodithioate

Mol. Wt. 281
Use Aphicide
LD_{50} 1,950 (female rats)

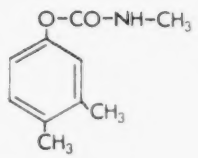
Ref.	A	B	C	D	E	F
1	AC	73	7	317	20	--
2	AD	73	10/5	285	3	x
3	BA	69	94/1117	275	4,11	t
4						
5						
6						



4460 **MEOBAL** $C_{10}H_{13}NO_2$ 3,4-Xylyl methylcarbamate

Mol. Wt. 179
Use Insecticide
LD_{50} 290-380

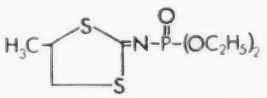
Ref.	A	B	C	D	E	F
1	AJ	73	21	178	11, 12	x
2						
3	JB	70	35	72	2	c
4						
5						
6						



1630 **MEPHOSFOLAN (Cytrolane)** $C_8H_{16}NO_3PS_2$ P,P-Diethyl cyclic propylene ester of phosphonodithio-imidocarbonic acid

Mol. Wt. 269
Use Insecticide
LD_{50} 8.9

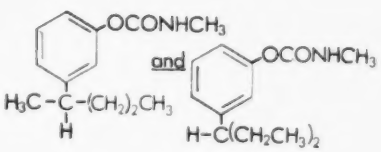
Ref.	A	B	C	D	E	F
1						
2						
3						
4						
5						
6						

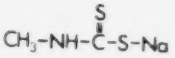


0960 **METALKAMATE (Bux)** $C_{13}H_{19}NO_2$ Mixture of m-(1-ethylpropyl)-phenyl methylcarbamate and m-(1-methylbutyl) phenyl methyl-carbamate (ratio of 1:3)

Mol. Wt. 205
Use Insecticide
LD_{50} 170

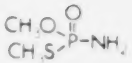
Ref.	A	B	C	D	E	F
1	C		II		11, 17	c
2						
3						
4						
5						
6						



Code	Common Name	Emp. Form.	Chemical Name	Structure
6220	METHAM (SMDC)	$C_2H_4NS_2Na$	Sodium N-methyldithiocarbamate	

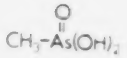
Mol. Wt. 129
Use Soil Fumigant
LD_{50} 820

Ref	A	B	C	D	E	F
1	77				18	w
2						
3						
4						
5						
6						

Code	Common Name	Emp. Form.	Chemical Name	Structure
4760	METHAMIDOPHOS (Monitor)	$C_2H_8NO_2PS$	O,S-Dimethyl phosphoramidothioate	

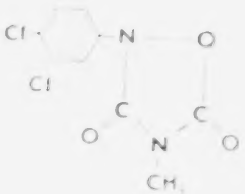
Mol. Wt. 141
Use Insectic.
LD_{50} 18.9-21

Ref	A	B	C	D	E	F
1	AL	71	54/6	1398	4	d*d
2	AJ	73	21/1	143	4	d
3	GH	--	24/2	252	3	d
4						
5						
6						

Code	Common Name	Emp. Form.	Chemical Name	Structure
4430	METHANEARSONIC ACID (MAA)	CH_3AsO_3	Methyl arsonic acid	

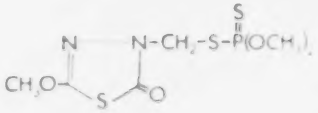
Mol. Wt. 140
Use Herbic.
LD_{50} 1,300

Ref	A	B	C	D	E	F
1	8		26,011-.017		12	4
2						
3						
4						
5						
6						

Code	Common Name	Emp. Form.	Chemical Name	Structure
4446	METHAZOLE (Probe)	$C_9H_6Cl_2N_2O_3$	2-(3,4-Dichlorophenyl)-4-methyl-1,2,4-oxadiazolidine-3,5-dione	

Mol. Wt. 261
Use Herbic.
LD_{50} 1,350

Ref	A	B	C	D	E	F
1	12				1.5	6.4
2						
3						
4						
5						
6						

Code	Common Name	Emp. Form.	Chemical Name	Structure
6340	METHIDATHION (Supracide)	$C_6H_{11}N_2O_4PS_3$	S-[(2-methoxy-5-oxo-Δ^2-1,3,4-thiadiazolin-4-yl)-methyl] O,O-dimethyl phosphorodithioate	

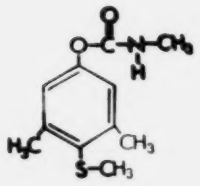
Mol. Wt. 302
Use Insectic.
LD_{50} 25-48

Ref	A	B	C	D	E	F
1	A	44	17	660	4	b
2	AJ	70	18	164	4	c,d
3						
4						
5						
6						

Code	Common Name	Emp. Form.	Chemical Name	Structure
4500	METHIOCARB (Mesurol)	$C_{11}H_{15}NO_2S$	4-(Methylthio)-3,5-xylyl N-methylcarbamate	

Mol. Wt. 225
Use Acaric. & Insectic.
LD_{50} 130-135

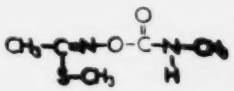
Ref.	A	B	C	D	E	F
1	AL	74	57/4	570	3	d
2	AJ	72	20/2	443	2,3	x
3	AB	72	44/12	2046	11,4	tu
4	AL	69	52/5	1054	4	ad
5	WD	70	49/2	215	2	bdet
6	AL	73	56/3	713	2	a



4520	METHOMYL (Lannate)	$C_5H_{10}N_2O_2S$	S-Methyl N-[(methylcarbamoyl)oxy] thioacetimidate

Mol Wt. 162
Use Insectic. & Nematoc.
LD_{50} 17-24

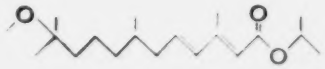
Ref	A	B	C	D	E	F
1	C		II		6	a,d
2	AJ	68	16	554	6	a
3	AJ	74	22	76	4	atu
4	JI	72	28	22	4	f
5						
6						



4531	METHOPRENE (Altosid)	$C_{19}H_{34}O_3$	Isopropyl (2E,4E)-11-methoxy-3,4,11-trimethyl-2,4-dodecadienoate

Mol Wt. 310
Use Insect Growth Regulator
LD_{50} 34,600+

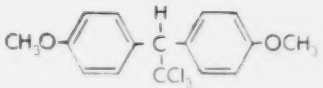
Ref	A	B	C	D	E	F
1	AP	73	66/3	707	3	x
2	AL	75	58/1	10	3,5	xo
3	AJ	74	22/4	582	3	tu x
4						
5						
6						



4540	METHOXYCHLOR (Marlate)	$C_{16}H_{15}Cl_3O_2$	2,2-Bis(p-methoxyphenyl)-1,1,1-trichloroethane

Mol Wt 346
Use Insectic.
LD_{50} 6,000

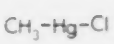
Ref	A	B	C	D	E	F
1	B		24,126-.162		12	e
2	BA	69	48	900	2	a
3	AL	69	59	1780	2	a
4	AL	72	55	92	2	k
5	AL	72	55	1048	2	k
6						



4560	METHYLMERCURIC CHLORIDE	CH_3HgCl	Methylmercury chloride

Mol Wt 251
Use Fungic.
LD_{50} 30-35

Ref	A	B	C	D	E	F
1	E		13,4		2	klm
2	A		11,8		13	t
3	AB	71	83	950	16	k
4	WD	74	97	60	2	l
5	EA	70	90	197	13	kq
6						



Code	Common Name	Emp. Form.	Chemical Name	Structure

4572 METHYLMERCURIC IODIDE CH_3HgI Methylmercury iodide

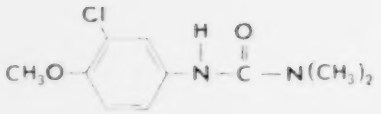
Mol. Wt. 342.5
Use Reagent in Hg method
LD_{50} ---

Ref.	A	B	C	D	E	F
1						
2			See 4560			
3						
4						
5						
6						

4631 METOXURON (Dosanex) $C_{10}H_{13}ClN_2O_2$ 3-(3-Chloro-4-methoxyphenyl)-1,1-dimethylurea

Mol. Wt. 289
Use Herbic.
LD_{50} 3,200

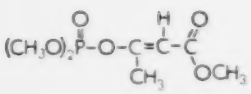
Ref.	A	B	C	D	E	F
1	7M				12	abc
2						
3						
4						
5						
6						



4640 MEVINPHOS (Phosdrin) $C_7H_{13}O_6P$ Methyl 3-hydroxy-α-methylcrotonate, dimethyl phosphate

Mol. Wt. 224
Use Insectic.
LD_{50} 7

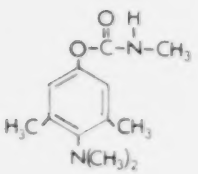
Ref.	A	B	C	D	E	F
1	B		24,174-.180		17	d,e
2	AJ	70	18	401	3	a
3	BA	67	92	578	12	v
4	BA	68	93	691	11	a,f
5						
6						



7080 HEXACARBATE (Zectran) $C_{12}H_{18}N_2O_2$ 4-Dimethylamino-3,5-xylyl methylcarbamate

Mol. Wt. 222
Use Insectic.
LD_{50} 15-63

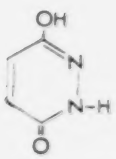
Ref.	A	B	C	D	E	F
1	ZO	69	26	63	1,6	a
2	AJ	69	17	56	2	a
3	AL	74	57/3	670	3	a
4						
5						
6						



4280 MH (Maleic Hydrazide) $C_4H_4N_2O_2$ 6-Hydroxy-3-(2H)-pyridazinone

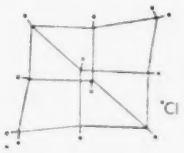
Mol. Wt. 112
Use Herbic. & Growth Regulator
LD_{50} 2,340-6,950

Ref.	A	B	C	D	E	F
1	B		24,141-.147		12	f
2	AL	73	56	1164	11	af
3						
4						
5						
6						



Code	Common Name	Emp. Form.	Chemical Name	Structure

4720 MIREX (Dechlorane) $C_{10}Cl_{12}$ Dodecachlorooctahydro-1,3,4-metheno-2H-cyclobuta[cd]-pentalene

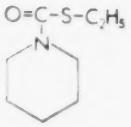


Mol. Wt. 546
Use Insectic.
LD_{50} 306

Ref.

	A	B	C	D	E	F
1	C		II		6	ajo
2	A		10,A		2	t
3	AL	63	46	884	10	a
4	AL	75	58/3	557	2	j
5	AJ	73	21/6	1099	1	x
6	AL	73	56/3	721	2	a,e

4740 MOLINATE (Ordram) $C_9H_{17}NOS$ S-Ethyl hexahydro-1H-azepine-1-carbothioate

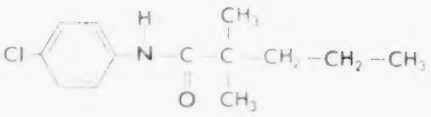


Mol. Wt. 187
Use Herbic.
LD_{50} 660

Ref

	A	B	C	D	E	F
1	C		II		6	ct
2	AJ	66	16	839	2	t
3	AL	67	5	469	20	--
4						
5						
6						

4747 MONALIDE (Potablan) $C_{13}H_{18}ClNO$ N-(4-Chlorophenyl)-2,2-dimethyl-pentanamide

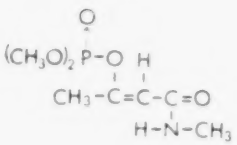


Mol. Wt. 239.5
Use Herbic.
LD_{50} 4,000

Ref

	A	B	C	D	E	F
1	72				2	a
2						
3						
4						
5						
6						

0360 MONOCROTOPHOS (Azodrin) $C_7H_{14}NO_5P$ Dimethyl phosphate of 3-hydroxy-N-methyl-cis-crotonamide



Mol. Wt. 223
Use Insectic.
LD_{50} 21

Ref

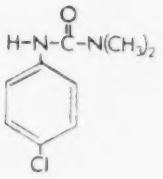
	A	B	C	D	E	F
1	AJ	67	15/3	465	4	a
2	AJ	68	16/6	194	1	a
3	AD	74	11/5	434	4	a
4	AJ	66	14/2	185	16	a
5	AE	67	5	193	12	a
6	BA	73	9R	194	21	a

4751 MONOLINURON (Arresin) $C_9H_{11}ClN_2O_2$ 3-(p-Chlorophenyl)-1-methoxy-1-methylurea

Mol. Wt. 201
Use Herbic.
LD_{50} 2,250

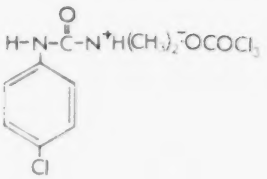
Ref

	A	B	C	D	E	F
1	GE	71	256/3	194	9,14,16	x
2	WD	71	43/2	364	1,2	x
3	WD	69	44/2	419	10,1	x
4	WD	67	27/1	296	11	au
5						
6						

Code	Common Name	Emp. Form.	Chemical Name	Structure
4760	MONURON	$C_9H_{11}ClN_2O$	3-(*p*-Chlorophenyl)-1,1-dimethylurea	

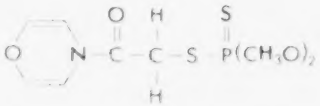
Mol. Wt. 199
Use Herbic.
LD_{50} 3,600

Ref.	A	B	C	D	E	F
1	C		II		11,12	det
2	AL	66	49	452	11,12	t
3	WD	71	57	303	11	tu
4	WD	69	44	419	10,11	u
5	AL	62	45/2	377	12	a
6						

4780	MONURON-TCA (Urox)	$C_{11}H_{12}Cl_4N_2O_3$	3-(*p*-Chlorophenyl)-1,1-dimethylurea trichloroacetate	

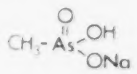
Mol. Wt. 362
Use Herbic.
LD_{50} 2,300

Ref.	A	B	C	D	E	F
1			See 4760			
2						
3						
4						
5						
6						

4803	MORPHOTHION (Ekatin M)	$C_6H_{10}O_2PS_3$	O,O-Dimethyl S-(morpholinocarbonylmethyl)phosphorodithioate	

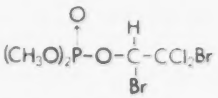
Mol. Wt. 246
Use Insectic.
LD_{50} 100-120

Ref.	A	B	C	D	E	F
1						
2						
3						
4						
5						
6						

4820	MSMA (Bueno)	CH_4AsNaO_3	Monosodium acid methanearsonate	

Mol. Wt. 162
Use Herbic.
LD_{50} 700

Ref.	A	B	C	D	E	F
1	ZJ	71	14	412	12	a
2	ZE	69	33/2	379	21	abu
3	ZB	64	22	51	21	ag
4	AJ	71	19/4	412	12	a
5						
6						

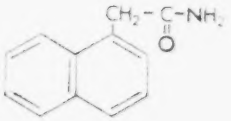
4860	NALED (Dibrom)	$C_4H_7Br_2Cl_2O_4P$	1,2-Dibromo-2,2-dichloroethyl dimethyl phosphate	

Mol. Wt. 381
Use Insectic.
LD_{50} 430

Ref.	A	B	C	D	E	F
1	C		II		6	ade
2	AL	65	49	748	6	de
3						
4						
5						
6						

Code	Common Name	Emp. Form.	Chemical Name	Structure

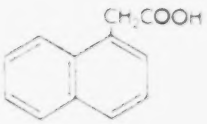
4880 NAPHTHALENE ACETAMIDE $C_{12}H_{11}NO$ 1-Naphthalene-acetamide



Mol. Wt. 185
Use Growth Regulant
LD$_{50}$ 1,000

Ref	A	B	C	D	E	F
1	AC	67	5	455	10, 12	a
2						
3						
4						
5						
6						

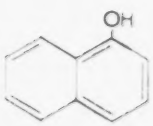
4400 NAA [Naphthalene Acetic Acid] $C_{12}H_{10}O_2$ 1-Naphthalene acetic acid



Mol. Wt. 186
Use Growth Regulant
LD$_{50}$ 1,000

Ref	A	B	C	D	E	F
1	[illegible]		11	[illegible]	[illegible],12	e
2	AL	64	47	345	2	e
3	AJ	64	12	59	12	g
4	AL	71	54	327	14	e
5	AC	67	5	455	20	--
6						

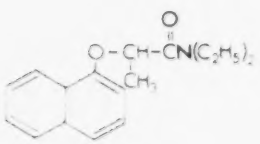
4425 1-NAPHTHOL $C_{10}H_8O$ 1-Naphthol



Mol. Wt. 144
Use Derivative of Carbaryl
LD$_{50}$ 2,000

Ref	A	B	C	D	E	F
1	A		7A		2	m
2	AC	71	6	34	2	--
3	AL	70	53	439	2	m
4						
5						
6						

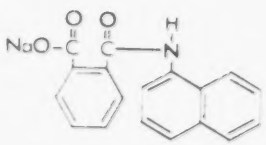
2010 NAPROPAMIDE (Devrinol) $C_{17}H_{21}NO_2$ 2-(1-Naphthoxy)-N,N-diethylpropionamide



Mol. Wt. 271
Use Herbic.
LD$_{50}$ 1,000

Ref	A	B	C	D	E	F
1	AE	--	60-84823	-	10	84
2	72		8		1	a,b
3						
4						
5						
6						

4220 NAPTALAM, SODIUM SALT $C_{14}H_{10}NNaO_3$ Sodium N-1-naphthylphthalamate

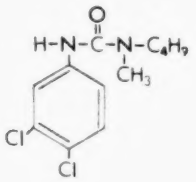


Mol. Wt. 313
Use Herbic.
LD$_{50}$ ca. 177

Ref	A	B	C	D	E	F
1	AB	53	26	1947	12	a
2	AJ	58	6	671	12	a
3	AC	64	4	1	20	--
4						
5						
6						

Code	Common Name	Emp. Form.	Chemical Name	Structure

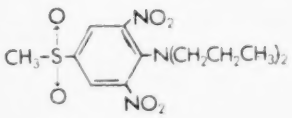
4940 NEBURON — $C_{12}H_{16}Cl_2N_2O$ — 1-(n-Buty)-3-(3,4-dichloro-phenyl)-1-methylurea



Mol. Wt. 275
Use Herbic.
LD_{50} 11,000

Ref.	A	B	C	D	E	F
1	WD	69	44	419	2,11	u
2	WD	69	44	60	2	u
3	AL	72	45/2	377	12	a
4	WD	68	36	234	2	x
5						
6						

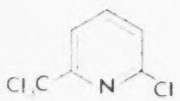
5020 NITRALIN (Planavin) — $C_{13}H_{19}N_3O_6S$ — 4-(Methylsulfonyl)-2,6-dinitro-N,N-dipropylaniline



Mol. Wt. 345
Use Herbic.
LD_{50} 2,000+

Ref.	A	B	C	D	E	F
1	C		II		2,11	d,q
2	ZB	73	26	390	19	u
3	AL	72	55/5	913	12	w
4	WD	70	53/2	397	11	x
5						
6						

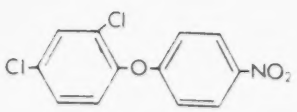
5031 NITRAPYRIN (N-Serve TG) — $C_6H_3NCl_4$ — 2-Chloro-6-trichloromethyl-pyridine (and related chlorinated pyridines)



Mol. Wt. 231
Use Nitrogen Stabilizer
LD_{50} 1,230

Ref.	A	B	C	D	E	F
1	ZZ				2	acj
2						
3						
4						
5						
6						

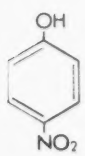
5040 NITROFEN (TOK) — $C_{12}H_7Cl_2NO_3$ — 2,4-Dichlorophenyl-p-nitrophenyl ether



Mol. Wt. 284
Use Herbic.
LD_{50} 3,580

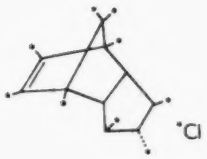
Ref.	A	B	C	D	E	F
1	C		II		2,12	af
2						
3						
4						
5						
6						

5060 4-NITROPHENOL (PNP) — $C_6H_5NO_3$ — 4-Nitrophenol



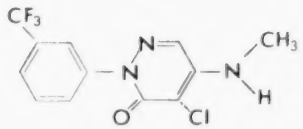
Mol. Wt. 139
Use Parathion Derivative
LD_{50} 75

Ref.	A	B	C	D	E	F
1	A		6,A,(2), 5 (b)		2	m
2	AD	70	5	329	2	m
3	AJ	71	19	758	2	o
4	AJ	73	21	295	2	m
5	AL	74	57	1288	2	m
6						

Code	Common Name	Emp. Form.	Chemical Name	Structure
5080	trans-NONACHLOR	$C_{10}H_5Cl_9$	1-*exo*, 2-*endo*,-3-*exo* 4,5,6,7,8,8-Nonachloro-3a,4,7,7a-tetrahydro-4,7-methanoindane	

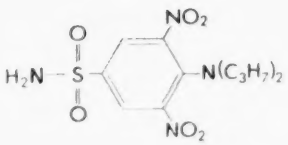
Mol. Wt. 444
Use Compon. of tech. chlordane
LD_{50} 500

Ref.	A	B	C	D	E	F
1	C		I		2	x
2						
3						
4						
5						
6						

Code	Common Name	Emp. Form.	Chemical Name	Structure
5136	NORFLURAZON (Evital)	$C_{12}H_9ClF_3N_3O$	4-Chloro-5-(methylamino)-2-(α,α,α-trifluoro-m-tolyl)-(2H)-pyridazinone	

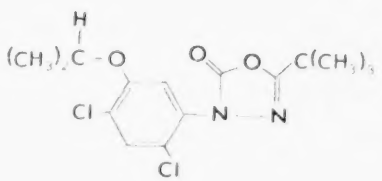
Mol. Wt. 304
Use Herbic.
LD_{50} 9,300

Ref.	A	B	C	D	E	F
1	7M				2	egu
2						
3						
4						
5						
6						

Code	Common Name	Emp. Form.	Chemical Name	Structure
5142	ORYZALIN (Surflan)	$C_{12}H_{18}N_4O_6S$	3,5-Dinitro-N^4,N^4-dipropylsulfanilamide	

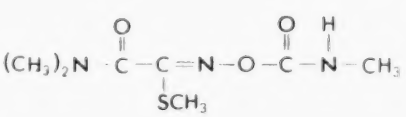
Mol. Wt. 346
Use Herbic.
LD_{50} 10,000+

Ref.	A	B	C	D	E	F
1	3E				2	acu
2						
3						
4						
5						
6						

Code	Common Name	Emp. Form.	Chemical Name	Structure
5176	OXADIAZON (Ronstar)	$C_{15}H_{18}N_2O_3Cl_2$	2-*tert*-Butyl-4-(2,4-dichloro-5-isopropoxyphenyl)-Δ^2-1,3,4-oxadiazolin-5-one	

Mol. Wt. 345
Use Herbic.
LD_{50} 8,000+

Ref.	A	B	C	D	E	F
1	7I				2	aiop
2						
3						
4						
5						
6						

Code	Common Name	Emp. Form.	Chemical Name	Structure
5186	OXAMYL (Vydate)	$C_7H_{13}N_3O_3S$	Methyl N',N'-dimethyl-N-[(methylcarbamoyl)oxy]-1-thiooxamimidate	

Mol. Wt. 219
Use Nematoc. & Insectic.
LD_{50} 5.4

Ref.	A	B	C	D	E	F
1	3A				4	a
2						
3						
4						
5						
6						

Code	Common Name	Emp. Form.	Chemical Name	Structure

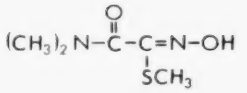
5187 OXAMYL OXIME

$C_5H_{10}N_2O_2S$

Methyl N',N'-dimethyl-N-hydroxy-1-thiooxamimidate

Mol. Wt. 148
Use Oxamyl Derivative
LD_{50} ---

Ref.	A	B	C	D	E	F
1			See 5186			
2						
3						
4						
5						
6						



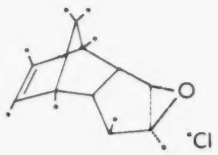
5200 OXYCHLORDANE

$C_{10}H_4Cl_8O$

1-*exo*, 2-*endo*, 4,5,6,7,8,8-Octachloro-2,3-*exo*-epoxy-2,3,3a,4,7,7a-hexahydro-4,7-methanoindene

Mol. Wt. 424
Use Metabol. of chlordane
LD_{50} 457

Ref.	A	B	C	D	E	F
1	AD	70	5	521	20	---
2	AD	73	10/3	208	2	jo
3	AD	71	5/6	521	2,3, 6	jou
4	AJ	73	21/6	1099	1	x
5	AJ	72	20/2	395	2	j
6	AD	72	7/1	33	2	x



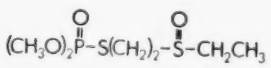
5220 OXYDEMETON METHYL (Metasystox R)

$C_6H_{15}O_4PS_2$

S-[2-(ethylsulfinyl)ethyl]-O,O-dimethyl phosphorothioate

Mol. Wt. 246
Use Insectic.
LD_{50} 70

Ref.	A	B	C	D	E	F
1	AL	69	52/1	157	4	a
2	AD	71	6/1	55	4	x
3	WD	70	48/3	468	7	a
4	BA	69	94/1122	805	11,17	x
5	BA	67	92/1092	170	11	a
6	WD	69	44/2	414	11	x



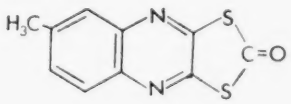
4800 OXYTHIOQUINOX (Morestan)

$C_{10}H_6N_2OS_2$

6-Methyl-2,3-quinoxalinedithiol cyclic-S,S-dithiocarbonate

Mol. Wt. 234
Use Mitic.
LD_{50} 3,000

Ref	A	B	C	D	E	F
1	AL	71	54/5	1122	2	de
2	AC	67	5	277	12	w
3	GH	68	20/2	550	2	de
4	AL	69	52/1	151	11,17	t
5	JC	69	18/11	1344	2	x
6						



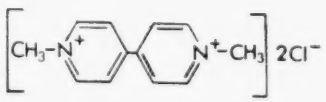
5240 PARAQUAT DICHLORIDE (Gramoxone)

$C_{12}H_{14}Cl_2N_2$

1,1'-Dimethyl-4,4'-bipyridilium dichloride

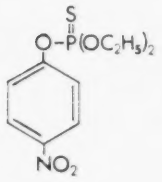
Mol. Wt. 257
Use Herbic.
LD_{50} 150

Ref.	A	B	C	D	E	F
1	C		II		12	fq
2	AJ	74	22	863	3	u
3	AJ	74	22	79	12	tu
4	AL	74	57	202	12	tu
5	AC	67	5	473	20	--
6						



Code	Common Name	Emp. Form.	Chemical Name	Structure

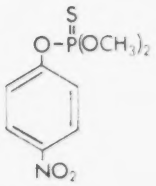
5245 PARATHION ETHYL $C_{10}H_{14}NO_5PS$ O,O-Diethyl-O-p-nitrophenyl phosphorothioate



Mol. Wt. 291
Use Insecticide
LD_{50} 3-30

Ref		A	B	C	D	E	F
	1	A		8A,10A		4	tv
	2	C		11		12,15	adej
	3	AL	74	57	930	3,4	de
	4	AL	74	57	1033	4	t
	5	AJ	69	17	1066	3	b
	6	BA	72	97	378	2	ad

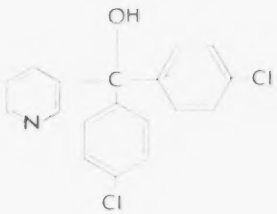
4680 PARATHION METHYL $C_8H_{10}NO_5PS$ O,O-Dimethyl O-p-nitrophenyl phosphorothioate



Mol. Wt. 263
Use Insecticide
LD_{50} 9-25

Ref		A	B	C	D	E	F
	1			See 5245			
	2						
	3						
	4						
	5						
	6						

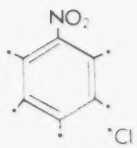
5281 PARINOL (Parmon) $C_{18}H_{13}Cl_2NO$ α,α-Bis(p-chlorophenyl)-3-pyridine methanol



Mol. Wt. 330
Use Fungicide
LD_{50} 5,000

Ref		A	B	C	D	E	F
	1	AL	70	53/4	747	2,3, 12	aeu
	2						
	3						
	4						
	5						
	6						

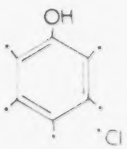
5280 PCNB (Quintozene) $C_6Cl_5NO_2$ Pentachloronitrobenzene



Mol. Wt. 295.5
Use Fungicide
LD_{50} 12,000

Ref		A	B	C	D	E	F
	1	C		11		2,3, 15	eg
	2	AJ	67	15/4	648	2	adfg
	3	BA	72	97/1154	378	2	de
	4	AL	72	55/4	744	2	c
	5	AD	74	11/6	567	2	a
	6	AD	73	93/1	41	2	a

5260 PCP (Pentachlorophenol) C_6Cl_5OH 2,3,4,5,6-Pentachlorophenol



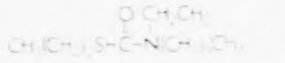
Mol. Wt. 266
Use Herbic., Wood Preservat.
LD_{50} 125-210

Ref		A	B	C	D	E	F
	1	A		8A[5b,8a]		2	lmt
	2	AJ	64	17	671	1	klu
	3	BG	70	4	518	5	ft
	4	AD	73	10	67	2	i
	5	AL	74	57	369	2	t
	6	AC	67	5	334	10	--

Code	Common Name	Emp Form	Chemical Name	Structure

Mol Wt
Use
LD_{50}

Ref	A	B	C	D	E	F
1						
2						
3						
4						
5						
6						

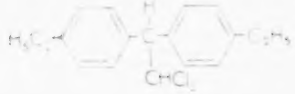


Mol Wt
Use
LD_{50}

Ref	A	B	C	D	E	F
1						
2						
3						
4						
5						
6						

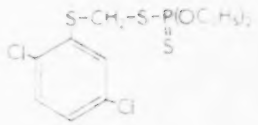
Mol Wt
Use
LD_{50}

Ref	A	B	C	D	E	F
1						
2						
3						
4						
5						
6						



Mol Wt
Use
LD_{50}

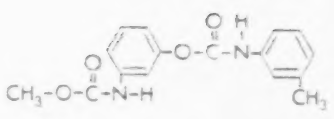
Ref	A	B	C	D	E	F
1						
2						
3						
4						
5						
6						



5410 PHENMEDIPHAM (Betanal) $C_{16}H_{16}N_2O_4$ Methyl m-hydroxycarbanilate m-methylcarbanilate

Mol Wt 300
Use Herbic.
LD_{50} 8,000+

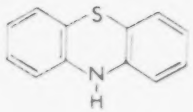
Ref	A	B	C	D	E	F
1	84	70	10/4	340	1020	a
2	70				30	f
3						
4						
5						
6						



Code	Common Name	Emp. Form.	Chemical Name	Structure
5420	PHENOTHIAZINE	$C_{12}H_9NS$	Dibenzo-1,4-thiazine	

Mol. Wt. 199
Use Insectic.
LD_{50} 5,000

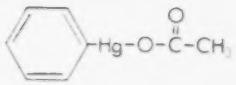
Ref	A	B	C	D	E	F
1	B		33,086-.092		17	C
2	AL	69	92	160	17	A
3						
4						
5						
6						



Code	Common Name	Emp. Form.	Chemical Name	Structure
5680	PHENYLMERCURIC ACETATE (Common name PMA)	$C_8H_8O_2Hg$	Phenylmercury acetate	

Mol. Wt. 337
Use Fungic.
LD_{50} 16-60

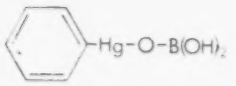
Ref	A	B	C	D	E	F
1	A		138		13	S
2	AB	71	43	900		K
3						
4						
5						
6						



Code	Common Name	Emp. Form.	Chemical Name	Structure
5460	PHENYLMERCURIC BORATE	$C_6H_5BHgO_3$	Phenylmercury borate	

Mol. Wt. 339
Use Fungic.
LD_{50} 1.7,100

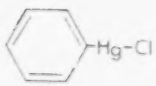
Ref	A	B	C	D	E	F
1	A		138		13	S
2	BA	69	94	143	21	cf
3	JF	68	14	131	10	a
4						
5						
6						



Code	Common Name	Emp. Form.	Chemical Name	Structure
5480	PHENYLMERCURIC CHLORIDE	C_6H_5HgCl	Phenylmercury chloride	

Mol. Wt. 313
Use Fungic.
LD_{50} 40

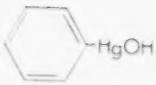
Ref	A	B	C	D	E	F
1			586			
2			1640			
3						
4						
5						
6						



Code	Common Name	Emp. Form.	Chemical Name	Structure
5485	PHENYLMERCURIC HYDROXIDE	C_6H_6HgOH	Phenylmercury hydroxide	

Mol. Wt. 295
Use Fungic.
LD_{50} 1.7,100

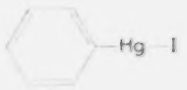
Ref	A	B	C	D	E	F
1			586			
2			1640			
3						
4						
5						
6						



Code	Common Name	Emp. Form.	Chemical Name	Structure
5487	PHENYLMERCURIC IODIDE	C_6H_5HgI	Phenylmercury Iodide	

Mol Wt 204
Use Reagent in Hg method
LD_{50} ---(Toxic)

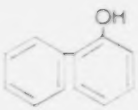
Ref	A	B	C	D	E	F
1						
2						
3						
4						
5						
6						



5490	PHENYLPHENOL (Germicide)	$C_{12}H_{10}O$	o-Phenylphenol	

Mol Wt 170
Use Acaric. & Fungic.
LD_{50} 2,480

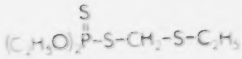
Ref	A	B	C	D	E	F
1			11		12	Def
2	GA	7	46	230	11	1
3	GL	73	54	975	11	Def
4	GL	73	56	240	12	1
5						
6						



5500	PHORATE (Thimet)	$C_7H_{17}O_2PS_3$	O,O-diethyl S-[(ethylthio) methyl] phosphorodithioate	

Mol Wt 260
Use Insecticide
LD_{50} 1.5

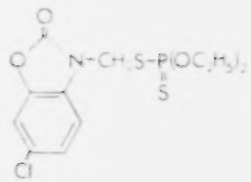
Ref	A	B	C	D	E	F
1			53		5.4	970
2	GL	4.0	57	1000	5	Def
3	GL	74	57	1000	5	1
4	GL	69	4	104	5	
5	5	47	55	190	5	10
6	GL	73	61		5	2



5505	PHOSALONE (Zolone)	$C_{12}H_{15}ClNO_4PS_2$	S-[6-chloro-2,3-dihydro-2-oxobenzoxazol-3-ylmethyl] O,O-diethyl phosphorodithioate	

Mol Wt 367
Use Insecticide
LD_{50} 120

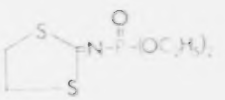
Ref	A	B	C	D	E	F
1			99		4	1
2	63	7.0	63	1000	4	4
3						
4						
5						
6						



5511	SOPHAMIDE (Difolatan)	$C_4H_5Cl_4NO_2S$	N-(1,1,2,2-tetrachloroethylsulfinyl) cyclohex-4-ene-1,2-dicarboximide	

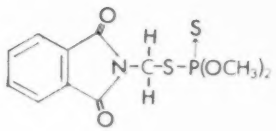
Mol Wt 301
Use Insecticide
LD_{50} 1,000

Ref	A	B	C	D	E	F
1						
2						
3						
4						
5						
6						



Code	Common Name	Emp. Form.	Chemical Name	Structure

4000 PHOSMET (Imidan) — $C_{11}H_{12}NO_4PS_2$ — O,O-Dimethyl-S-phthalimidomethyl phosphorodithioate

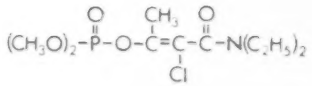


Mol. Wt. 317
Use Insectic.
LD_{50} 147

Ref.

	A	B	C	D	E	F
1	C		II		4,12	bel
2	AJ	68	16	796	4	a
3	AL	69	52	522	3	a
4	AL	74	57	1033	4	t
5	AC	67	5	252	20	---
6						

5580 PHOSPHAMIDON (Dimecron) — $C_{10}H_{19}ClNO_5P$ — 2-Chloro-N,N-diethyl-3-hydroxycrotonamide dimethyl phosphate

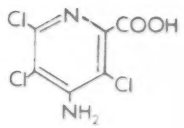


Mol. Wt. 300
Use Insectic.
LD_{50} 15-33

Ref.

	A	B	C	D	E	F
1	C		II		12,17	den
2	ZD	71	37	A11	20	--
3						
4						
5						
6						

5600 PICLORAM (Tordon) — $C_6H_3Cl_3N_2O_2$ — 4-Amino-3,5,6-trichloropicolinic acid

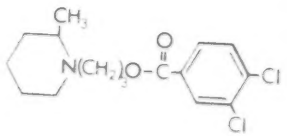


Mol. Wt. 241.5
Use Herbic.
LD_{50} 8,200

Ref.

	A	B	C	D	E	F
1	AJ	67	15	469	2	c
2	BA	67	92	371	2	au
3	WD	70	53/2	367	2	b
4	ZA	70	23	323	2	tu
5	AC	67	5	507	20	--
6						

5640 PIPERALIN (Piprin) — $C_{16}H_{21}Cl_2NO_2$ — 3-(2-Methylpiperidino)propyl-3,4-dichlorobenzoate

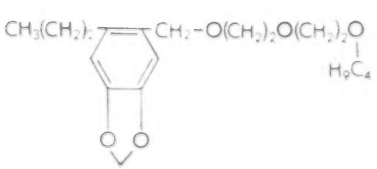


Mol. Wt. 330
Use Fungic.
LD_{50} 2,600

Ref.

	A	B	C	D	E	F
1						
2						
3						
4						
5						
6						

5620 PIPERONYL BUTOXIDE — $C_{19}H_{30}O_5$ — α-[2-(butoxyethoxy)ethoxy]-4,5-methylenedioxy-2-propyltoluene



Mol. Wt. 338.5
Use Synergist
LD_{50} 7,500

Ref.

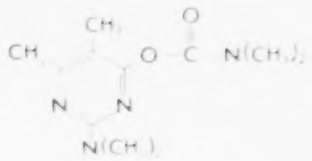
	A	B	C	D	E	F
1	C		II		12	c
2	AB	75	A7/4	674	3	kb
3	AJ	71	19/1	192	12	b
4	ZC	70	-	293	20	--
5	ZG	69	52	1,414	10	b
6	B				21	ch

Code	Common Name	Emp. Form.	Chemical Name	Structure

[illegible] PIRIMICARB (Pirimor) $C_{11}H_{18}N_4O_2$ 2-(Dimethylamino)-5,6-dimethyl-4-pyrimidinyl dimethylcarbamate

Mol Wt 238
Use Aphic.
LD_{50} 147

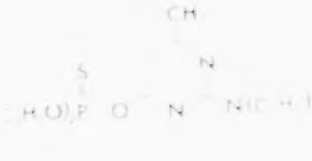
Ref	A	B	C	D	E	F
1	47				19	4
2						
3						
4						
5						
6						



[illegible] PIRIMIPHOS ETHYL (Primicid) $C_{13}H_{24}N_3O_3PS$ O-[2-(Diethylamino)-6-methyl-4-pyrimidinyl] O,O-diethyl phosphorothioate

Mol Wt 333
Use Insectic.
LD_{50} 135-200

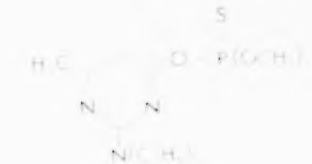
Ref	A	B	C	D	E	F
1	47				5.4	0.2
2						
3						
4						
5						
6						



[illegible] PIRIMIPHOS METHYL (Actellic) $C_{11}H_{20}N_3O_3PS$ O-[2-(Diethylamino)-6-methyl-4-pyrimidinyl] O,O-dimethyl phosphorothioate

Mol Wt 305
Use Insectic.
LD_{50} >200

Ref	A	B	C	D	E	F
1	47				5.4	0.2
2	80	16		132	17	3.4
3						
4						
5						
6						



POLYCHLORINATED BIPHENYLS

[illegible] Aroclor 1016 $C_{12}H_4Cl_6$ Perchlorinated biphenyl

Mol Wt 326
Use Industrial
LD_{50} >2000

Ref	A	B	C	D	E	F
1	8.5	11		120		1
2	10	11		120		1
3	10	11	5	120		1
4	8	11	5	120		1
5	8	11	5	120		1
6	7	11	5	120		1

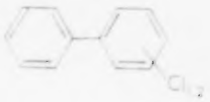
Code	Common Name	Emp Form	Chemical Name	Structure

Mol Wt

Use

LD_{50}

Ref	A	B	C	D	E	F
1						
2						
3						
4						
5						
6						



Mol Wt

Use

LD_{50}

Ref	A	B	C	D	E	F
1						
2						
3						
4						
5						
6						

Mol Wt

Use

LD_{50}

Ref	A	B	C	D	E	F
1						
2						
3						
4						
5						
6						

Mol Wt

Use

LD_{50}

Ref	A	B	C	D	E	F
1						
2						
3						
4						
5						
6						

Mol Wt

Use

LD_{50}

Ref	A	B	C	D	E	F
1						
2						
3						
4						
5						
6						

Code	Common Name	Emp. Form.	Chemical Name	Structure

5700 AROCLOR 1260 $C_{12}H_{3.7}Cl_{6.3}$ Polychlorinated biphenyl with 60% Cl

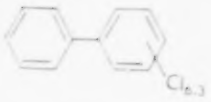
Mol Wt 371

Use Industrial

LD_{50} 10,000 (50% sol. in corn oil)

Ref

	A	B	C	D	E	F
1			See 5700			
2						
3						
4						
5						
6						



5702 AROCLOR 1262 $C_{12}H_{3.2}Cl_{6.8}$ Polychlorinated biphenyl with 62% Cl

Mol Wt 388

Use Industrial

LD_{50} 11,400 (50% sol. in corn oil)

Ref

	A	B	C	D	E	F
1			See 5700			
2						
3						
4						
5						
6						

POLYCHLORINATED NAPHTHALENES

5720 HALOWAX 1000 $C_{10}H_{4.7}Cl_{3.3}$ Polychlorinated naphthalene with 34% Cl

Mol Wt 171.5

Use Industrial

LD_{50} ---

Ref

	A	B	C	D	E	F
1						
2						
3						
4						
5						
6						

5721 HALOWAX 1051 $C_{10}H_{4.5}Cl_{3.5}$ Polychlorinated naphthalene with 51% Cl

Mol Wt 249

Use Industrial

LD_{50} ---

Ref

	A	B	C	D	E	F
1						
2						
3						
4						
5						
6						

Code	Common Name	Emp. Form.	Chemical Name	Structure

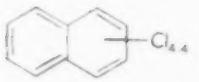
5722 HALOWAX 1013 $C_{10}H_{5.6}Cl_{4.4}$ Polychlorinated naphthalene with 56% Cl

Mol Wt 279

Use Industrial

LD_{50} ---

Ref	A	B	C	D	E	F
1						
2						
3						
4						
5						
6						



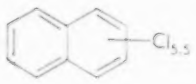
5723 HALOWAX 1014 $C_{10}H_{5.2}Cl_{5.8}$ Polychlorinated naphthalene with 62% Cl

Mol Wt 314

Use Industrial

LD_{50} ---

Ref	A	B	C	D	E	F
1						
2						
3						
4						
5						
6						



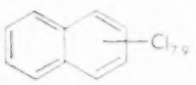
5724 HALOWAX 1051 $C_{10}H_{7.4}Cl_{7.6}$ Polychlorinated naphthalene with 70% Cl

Mol Wt 403

Use Industrial

LD_{50} ---

Ref	A	B	C	D	E	F
1						
2						
3						
4						
5						
6						



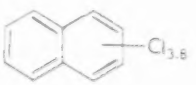
5725 HALOWAX 1099 $C_{10}H_{6.2}Cl_{3.8}$ Polychlorinated naphthalene with 50% Cl

Mol Wt 258

Use Industrial

LD_{50} ---

Ref	A	B	C	D	E	F
1						
2						
3						
4						
5						
6						

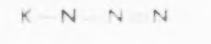


Code	Common Name	Emp. Form.	Chemical Name	Structure

5728 POTASSIUM AZIDE (Kazoe), (See 6172-NaN$_3$) KN_3 Potassium azide

Mol. Wt. 81.1
Use Herbic., Fungic., Nematoc., Insectic.
LD_{50} 60-80

Ref	A	B	C	D	E	F
1	7A				12	34
2						
3						
4						
5						
6						



5731 POTASSIUM DIETHYL DIT... THIOPHOSPHATE (KDEDTP) $C_4H_{10}O_2PS_2K$ Dm

Mol. Wt. 224
Use Organophosphorous derivative
LD_{50} ---

Ref	A	B	C	D	E	F
1	5		$C_4H_{10}O_2PS_2K$ [1]		4	6
2						
3						
4						
5						
6						

5732 POTASSIUM DIETHYL ... THIOPHOSPHATE (KDETP) $C_4H_{10}O_3PSK$ Dm

Mol. Wt. 208
Use Organophosphorous derivative
LD_{50} ---

Ref	A	B	C	D	E	F
1	8		$C_4H_{10}O_3PSK$ [1]		4	6
2						
3						
4						
5						
6						

5733 POTASSIUM DIMETHYL DIT... THIOPHOSPHATE (KDMDTP) $C_2H_6PS_4K$ Dm

Mol. Wt. 196
Use Organophosphorous derivative
LD_{50} ---

Ref	A	B	C	D	E	F
1	6		$C_2H_6PS_4K$ [1]		4	6
2						
3						
4						
5						
6						

5734 POTASSIUM DIMETHYL ... THIOPHOSPHATE (KDMTP) $C_2H_6PO_3SK$ Dm

Mol. Wt. 180
Use Organophosphorous derivative
LD_{50} ---

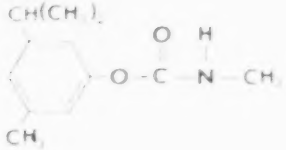
Ref	A	B	C	D	E	F
1	4		$C_2H_6PO_3SK$ [1]		3	5
2						
3						
4						
5						
6						

Code	Common Name	Emp. Form.	Chemical Name	Structure

5750 PROMECARB (Carbamult) [illegible] 3-Isopropyl-5-methylphenyl methylcarbamate

Mol. Wt. 207
Use Insectic.
LD_{50} 78-90

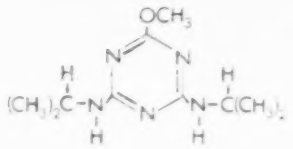
Ref		A	B	C	D	E	F
	1	[illegible]	79	[illegible]	147	12	[illegible]
	2	AL	74	57/9	670	4	[illegible]
	3	AL	73	56/8	713	2	[illegible]
	4	79				3	
	5						
	6						



5760 PROMETON (Pramitol) $C_{10}H_{19}N_5O$ 2,4-Bis(isopropylamino)-6-methoxy-s-triazine

Mol. Wt. 225
Use Herbic.
LD_{50} 2,490

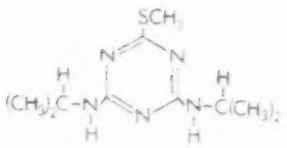
Ref		A	B	C	D	E	F
	1	AL	74	82	139	2	4
	2	23	64	17	405	19	8
	3	20	30	32	371	80	--
	4						
	5						
	6						



5780 PROMETRYN (Caparol) $C_{10}H_{19}N_5S$ 2,4-Bis(isopropylamino)-6-(methylthio)-s-triazine

Mol. Wt. 241
Use Herbic.
LD_{50} 3,800

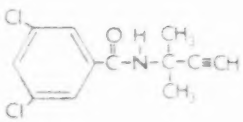
Ref		A	B	C	D	E	F
	1	[illegible]	[illegible]	11	[illegible]	6,12	[illegible]
	2	AL	65	13/3	180	19	4
	3						
	4						
	5						
	6						



4090 PRONAMIDE (Kerb) $C_{12}H_{11}Cl_2NO$ 3,5-Dichloro-N-(1,1-dimethyl-2-propynyl)benzamide

Mol. Wt. 256
Use Herbic.
LD_{50} 8,350

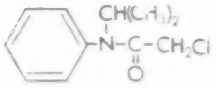
Ref		A	B	C	D	E	F
	1	AL	72	55	402	2	[illegible]
	2						DU
	3	AL	72	21	1243	2	[illegible]
	4						60
	5						
	6						



5820 PROPACHLOR (Ramrod) $C_{11}H_{14}ClNO$ 2-Chloro-N-isopropylacetanilide

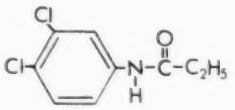
Mol. Wt. 212
Use Herbic.
LD_{50} 1,680

Ref		A	B	C	D	E	F
	1	[illegible]		11		[illegible]	[illegible]
	2						
	3						
	4						
	5						
	6						



Code	Common Name	Emp. Form.	Chemical Name	Structure

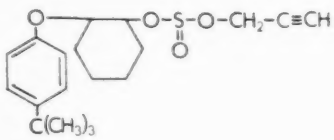
5840 PROPANIL (Rogue) $C_9H_9Cl_2NO$ 3,4-Dichloropropionanilide



Mol. Wt. 218
Use Herbic.
LD_{50} 1,384

Ref.		A	B	C	D	E	F
	1	C		II		2,12	cjop
	2	AD	65	3	7	2	o
	3	ZJ	70	18	464	2	cu
	4	RE	73	32	77	11	dk
	5						
	6						

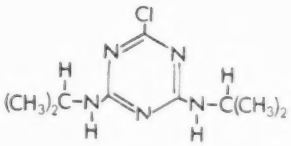
5160 PROPARGITE (Omite) $C_{19}H_{26}O_4S$ 2-(p-tert-Butylphenoxy)cyclohexyl 2-propynyl sulfite



Mol. Wt. 350.5
Use Acaric.
LD_{50} 2,200

Ref.		A	B	C	D	E	F
	1	C		II		6	eh
	2	AC	73	7	355	20	-
	3	AJ	72	20/1	59	4	aeh
	4	AJ	71	19/5	894	4	e
	5	AD	73	12/6	641	16	e
	6						

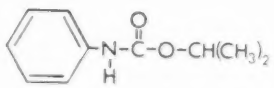
5800 PROPAZINE (Milogard) $C_9H_{16}ClN_5$ 2-Chloro-4,6-bis(isopropylamino)-s-triazine



Mol. Wt. 230
Use Herbic.
LD_{50} 5,000

Ref.		A	B	C	D	E	F
	1	C		II		12	bc
	2	AJ	74	22	139	2	f
	3	AJ	65	13	120	21	bc
	4						
	5						
	6						

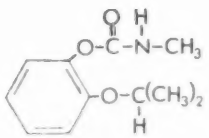
5850 PROPHAM (IPC) $C_{10}H_{13}NO_2$ Isopropyl N-phenylcarbamate



Mol. Wt. 179
Use Herbic.
LD_{50} 4,250

Ref.		A	B	C	D	E	F
	1	AJ	69	17	1062	12	a
	2	GB	73	9	261	10	a
	3						
	4						
	5						
	6						

0440 PROPOXUR (Baygon) $C_{11}H_{15}NO_3$ o-Isopropoxyphenyl N-methylcarbamate



Mol. Wt. 209
Use Insectic.
LD_{50} 100,

Ref.		A	B	C	D	E	F
	1	AL	75	58/3	562	2	def
	2	AJ	72	20/6	1269	2	jc
	3	AC	73	7	163	20	-
	4	AJ	73	17	56	2	a
	5	AL	73	56/6	1319	2	u
	6	AJ	72	20/6	1265	2	a

Code	Common Name	Emp. Form.	Chemical Name	Structure
5882	PROTECT	$C_{12}H_6O_3$	1,8-Naphthalic anhydride	

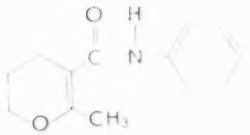
Mol. Wt. 198
Use Seed Protectant
LD_{50} 12,300

Ref.	A	B	C	D	E	F
1	32				2	a
2						
3						
4						
5						
6						

Code	Common Name	Emp. Form.	Chemical Name	Structure
5905	PYRACARBOLID (Stearol)	$C_{13}H_{15}O_2$	3,4-Dihydro-6-methyl-N-phenyl-2H-pyran-5-carboxamide	

Mol. Wt. 203
Use Fungic.
LD_{50} 15,000?

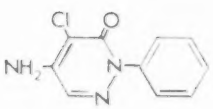
Ref.	A	B	C	D	E	F
1						
2						
3						
4						
5						
6						



Code	Common Name	Emp. Form.	Chemical Name	Structure
5920	PYRAZON (Pyramin)	$C_{10}H_8ClN_3O$	5-Amino-4-chloro-2-phenyl-3(2H)-pyridazinone	

Mol. Wt. 222
Use Herbic.
LD_{50} 2,500

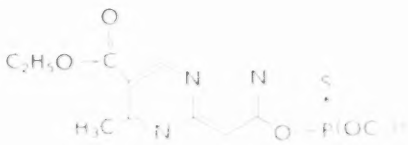
Ref.	A	B	C	D	E	F
1	AF	68	29/3	8443	71	a
2	BH	71	11/4	867	18	x
3						
4						
5						
6						



Code	Common Name	Emp. Form.	Chemical Name	Structure
5932	PYRAZOPHOS (Afugan)	$C_{12}H_{20}N_3O_5PS$	2-(O,O-Diethyl thiophosphoryl)-5-methyl-6-carbethoxy-pyrazolo-(1,5a)pyrimidine	

Mol. Wt. 349
Use Fungic.
LD_{50} 140-632

Ref.	A	B	C	D	E	F
1	6E	73	267/3	173	[illegible]	a
2	6D	70	49/2	32?	11	x
3	4E				4	z
4						
5						
6						



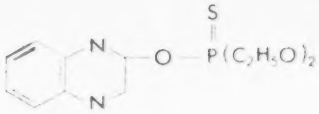
Code	Common Name	Emp. Form.	Chemical Name	Structure
592[illegible]	PYRETHRUM	MIXTURE	Standardized mixture of pyrethrins I and II (Mixed esters of pyrethrolone)	

Mol. Wt. ---
Use Insectic.
LD_{50} 820-2,600

Ref.	A	B	C	D	E	F
1	C		11		[illegible]	a
2	D				71	a
3						
4						
5						
6						

Code	Common Name	Emp. Form.	Chemical Name	Structure

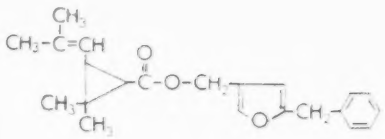
5966 QUINALPHOS (Ekalux) $C_{12}H_{15}N_2O_3PS$ O,O-diethyl O-[quinoxalinyl-(2)] thionophosphate



Mol. Wt. 298
Use Insectic.
LD_{50} 65-135

Ref	A	B	C	D	E	F
1	AL	74	11/2	121	9	a,e
2	61	69	22	219	10	s
3	TM				21	au
4						
5						
6						

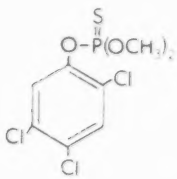
6055 RESMETHRIN (SBP-1382) $C_{22}H_{26}O_3$ (5-Benzyl-3-furyl)methyl-2,2-dimethyl-3-(2-methyl propenyl) cyclopropane-carboxylate (approx. 70% trans, 30% cis isomers)



Mol. Wt. 338
Use Insectic.
LD_{50} ca. 1,500

Ref	A	B	C	D	E	F
1	30				8	w
2						
3						
4						
5						
6						

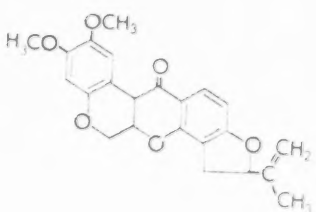
6080 RONNEL $C_8H_8Cl_3O_3PS$ O,O-Dimethyl O-(2,4,5-trichlorophenyl) phosphorothioate



Mol. Wt. 321.5
Use Insectic.
LD_{50} 1,740

Ref	A	B	C	D	E	F
1	C		1		11	a
2	C		11		12	e
3	A		8B,10A		4	sv
4	AL	74	67	1033	4	t
5						
6						

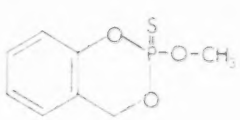
6000 ROTENONE $C_{23}H_{22}O_6$ 1,2,12,12a, Tetrahydro-2-isopropenyl-8,9-dimethoxy-[ ]benzopyrano-[3,4-b]furo[2,3-h][1] benzopyran-6(6aH)one



Mol. Wt. 394
Use Insectic.
LD_{50} 132

Ref	A	B	C	D	E	F
1	AL	75	56/6	1343	3	aw
2	AV	70	9/6	274	10	a
3	AL	64	60/1	160	11	a
4	AD	74	85/2	263	1124	s
5						
6						

6060 SALITHION $C_{10}H_{12}NO_4PS$ O-Methoxy-4H-1,3,2-benzodioxaphosphorin-2-sulfide



Mol. Wt. 273
Use Insectic.
LD_{50} 41 (mouse)

Ref	A	B	C	D	E	F
1	30	72	21	4	10	t
2						
3						
4						
5						
6						

Code	Common Name	Emp. Form.	Chemical Name	Structure
6130	SIDURON (Tupersan)	$C_{14}H_{20}N_2O$	1-(2-Methylcyclohexyl)-3-phenylurea	

Mol Wt 232
Use Herbic.
LD_{50} 7,500+

Ref	A	B	C	D	E	F
1	AJ	69	1770	10.4	11	-
2	AM	68	4437	8.9	2	-
3	AJ	69	1771	31	19	-
4	AL	74	4501	8.0	3	-
5						
6						

Code	Common Name	Emp. Form.	Chemical Name	Structure
6140	SILVEX ACID (2-(2,4,5-TP))	$C_9H_7Cl_3O_3$	2-(2,4,5-Trichlorophenoxy)-propionic acid	

Mol Wt 269.5
Use Herbic.
LD_{50} 650

Ref	A	B	C	D	E	F
1	AJ	72	10	241	2	-
2	AK	77	9	72	8	-
3	JA	71	10	480	2	-
4						
5						
6						

Code	Common Name	Emp. Form.	Chemical Name	Structure
6150	SILVEX, ISOOCTYL ESTERS	$C_{17}H_{23}Cl_3O_3$	2-(2,4,5-Trichlorophenoxy)-propionic acid, isooctyl esters (mixed)	

Mol.Wt. 381.5
Use Herbic.
LD_{50} 400-800

Ref	A	B	C	D	E	F
1						
2			See 6120			
3						
4						
5						
6						

Code	Common Name	Emp. Form.	Chemical Name	Structure
6140	SILVEX, PROPYLENE GLYCOL BUTYL ETHER ESTERS	$C_{16}H_{21}Cl_3O_4$ to $C_{22}H_{33}Cl_3O_6$	2-(2,4,5-Trichlorophenoxy)-propionic acid, propylene glycol butyl ether esters (C_4H_9O to $(C_3H_6O)_3C_4H_9$)	Mixed esters

Mol Wt 383.5-500
Use Herbic.
LD_{50} 650

Ref	A	B	C	D	E	F
1						
2			See 6130			
3						
4						
5						
6						

Code	Common Name	Emp. Form.	Chemical Name	Structure
6160	SIMAZINE (Princep)	$C_7H_{12}ClN_5$	2-Chloro-4,6-bis(ethylamino)-s-triazine	

Mol Wt 202
Use Herbic.
LD_{50} 5,000

Ref	A	B	C	D	E	F
1	C		11		12	acen
2	AL	68	51	682	3	ctu
3	AJ	68	16	284	12	atu
4	WD	71	57	303	11	tu
5	AJ	74	22	137	2	f
6						

Code	Common Name	Emp. Form.	Chemical Name	Structure

6172 SODIUM AZIDE (Smite), NaN_3 Sodium azide
(See 2728 - KN_3)

Mol. Wt 65.02

Use Herbic., Fungic., Nematoc., Insectic.

LD_{50} 60-80

Ref	A	B	C	D	E	F
1	76				12	44
2						
3						
4						
5						
6						

Na N N N

[illegible] SODIUM PENTACHLOROPHENATE C_6Cl_5ONa Pentachlorophenol, sodium salt, monohydrate
(Dowicide 7)

Mol Wt 266.5

Use Herbic.

LD_{50} [illegible]

Ref	A	B	C	D	E	F
1	56	44	32	76	32	8
2	82	74	6612	144	3	1
3	82	60	5217	168	3	24
4	82	73	2512	144	3	16
5	82	69	1716	80	3	12
6	82	70	2	2	3	4

ONa H_2O

Cl

[illegible] SODIUM PHENYLPHENATE $C_{12}H_9NaO_2$ 2-Phenylphenol, sodium salt, monohydrate
(Dowicide A)

Mol Wt 210

Use Fungic.

LD_{50} 1,470

Ref	A	B	C	D	E	F
1			32			24
2	56	44	2	144	3	16
3			See also (56)			
4						
5						
6						

ONa H_2O

[illegible] STIROFOS (Garrison) $C_4H_7Cl_2O_4P$ 2-chloro-1-(2,4,5-trichloro-phenyl)vinyl dimethyl phosphate

Mol Wt 257

Use Insectic.

LD_{50} 2,000

Ref	A	B	C	D	E	F
1			32		8	8
2	82	70	63	1344	12	16
3						
4						
5						
6						

O

ClHC=C–O–P(OCH$_3$)$_2$

Cl

Cl

Cl

[illegible] STREPTOMYCIN SULFATE $(C_{21}H_{39}N_7O_{12})_2 \cdot 3H_2SO_4$ [illegible]
(Agri-Strep)

Mol Wt 1457

Use Bacteric.

LD_{50} [illegible]

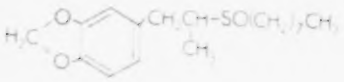
Ref	A	B	C	D	E	F
1			32		16	8
2	82	70	1612	144	24	8
3	82	70	1217	96	24	8
4	41	35	32	144 F	12	4
5						
6						

Code	Common Name	Emp. Form.	Chemical Name	Structure

Mol Wt
Use
LD_{50}

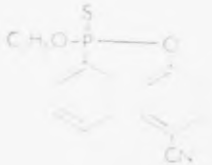
Ref	A	B	C	D	E	F
1						
2						
3						
4						
5						
6						

Mol Wt
Use
LD_{50}



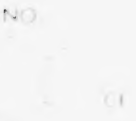
Ref	A	B	C	D	E	F
1						
2						
3						
4						
5						
6						

Mol Wt
Use
LD_{50}



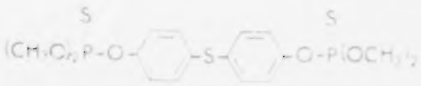
Ref	A	B	C	D	E	F
1						
2						
3						
4						
5						
6						

Mol Wt
Use
LD_{50}



Ref	A	B	C	D	E	F
1						
2						
3						
4						
5						
6						

Mol Wt
Use
LD_{50}

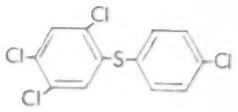


Ref	A	B	C	D	E	F
1						
2						
3						
4						
5						
6						

Code	Common Name	Emp. Form.	Chemical Name	Structure

Code	Common Name	Emp. Form.	Chemical Name	Structure

6630 TETRASUL (Ansmert) $C_{12}H_6Cl_4S$ 4-p-Chlorophenyl 2,4,6-trichlorophenyl sulfide



Mol Wt 324

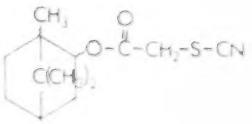
Use Acaric.

LD_{50} 12,600

Ref

	A	B	C	D	E	F
1	C		II		2	K
2	AL	73	56	296	20	--
3	FR	69	62/685	75	2,17	L
4	JA	74	3872	279	1,11	x
5	JC	69	18733	1344	2	x
6	EY				3	w

6641 THANITE $C_{13}H_{19}NO_2S$ Isobornyl thiocyanoacetate



Mol Wt 253

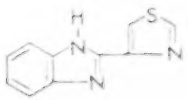
Use Insectic.

LD_{50} 1,501

Ref

	A	B	C	D	E	F
1	AL	70	5373	444	4	x
2						
3						
4						
5						
6						

6661 THIABENDAZOLE (Merck) $C_{10}H_7N_3S$ 2-(4'-Thiazolyl) benzimidazole



Mol Wt 201

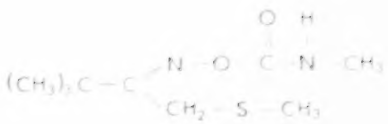
Use Fungic.; Anthelmintic.

LD_{50} 3,100

Ref

	A	B	C	D	E	F
1	C		II		14	ef
2	AL	70	55	1299	134	eg
3	AJ	70	20	1027	124	e
4	AZ	71	66	78	11	e
5						
6						

6663 THIOFANOX (Bay 68464) $C_8H_{16}N_2O_2S_2$ 3,4-Dimethyl-1-(methylthio)-ethylideneamino N-(methylcarbamoyl)oxime



Mol Wt 204

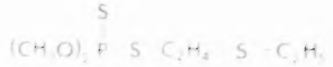
Use Insectic.

LD_{50} 5.3

Ref

	A	B	C	D	E	F
1	ZD				4	ef
2						ef
3						
4						
5						
6						

6664 THIOMETON (Isomer) $C_6H_{15}O_3PS_3$ S-(2-Ethylthio)ethyl O,O-dimethyl phosphorodithioate



Mol Wt 246

Use Insectic.

LD_{50} 127

Ref

	A	B	C	D	E	F
1	TM				3	x
2						
3						
4						
5						
6						

Code	Common Name	Emp. Form.	Chemical Name	Structure

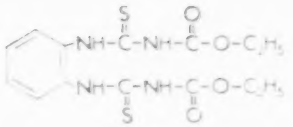
[illegible] THIOPHANATE [illegible] 1,2-Bis(3-ethoxycarbonyl-2-thioureido)benzene

Mol Wt [illegible]

Use [illegible]

LD_{50} [illegible]

Ref	A	B	C	D	E	F
1						
2						
3						
4						
5						
6						



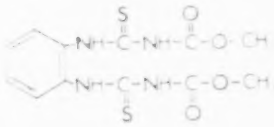
[illegible] THIOPHANATE METHYL [illegible] 1,2-Bis(3-methoxycarbonyl-2-thioureido)benzene

Mol Wt [illegible]

Use [illegible]

LD_{50} [illegible]

Ref	A	B	C	D	E	F
1						
2						
3						
4						
5						
6						



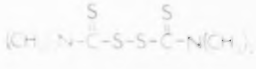
[illegible] [illegible]

Mol Wt [illegible]

Use [illegible]

LD_{50} [illegible]

Ref	A	B	C	D	E	F
1						
2						
3						
4						
5						
6						



[illegible] [illegible]

Mol Wt [illegible]

Use [illegible]

LD_{50} [illegible]

Ref	A	B	C	D	E	F
1						
2						
3						
4						
5						
6						

[illegible] [illegible]

Mol Wt [illegible]

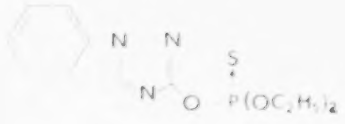
Use [illegible]

LD_{50} [illegible]

Ref	A	B	C	D	E	F
1						
2						
3						
4						
5						
6						

Code	Common Name	Emp. Form.	Chemical Name	Structure

6777 TRIAZOPHOS (Hostathion) $C_{12}H_{16}N_3O_3PS$ O,O-Diethyl O-(1-phenyl-1H-1,2,4-triazol-3-yl)monothiophosphate



Mol. Wt 313

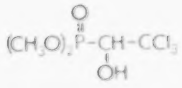
Use Insectic., Mitic., Nematoc.

LD_{50} 82

Ref

	A	B	C	D	E	F
1	08	73	26/11	777	2,3	a
2	48				3	a
3						
4						
5						
6						

6780 TRICHLORFON (Dylox) $C_4H_8Cl_3O_4P$ Dimethyl (1,2,2,2-trichloro-1-hydroxyethyl)phosphonate



Mol. Wt 257

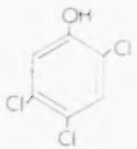
Use Insectic.

LD_{50} 450

Ref

	A	B	C	D	E	F
1	C		11		2,5	a,o
2	AO	74	11/1	78	4	i
3	AJ	73	21/6	1095	4	a,u
4	AJ	66	14/5	508	2	a,i
5	AO	71	6/1	85	4	x
6	AJ	65	14/4	858	1,2,3	x

6650 2,4,5-TRICHLOROPHENOL (Dowicide 2) $C_6H_3Cl_3O$ 2,4,5-Trichlorophenol



Mol. Wt 197.5

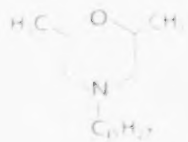
Use Fungic.

LD_{50} ca. 800

Ref

	A	B	C	D	E	F
1	A	72	20	963	2,4	n
2						
3						
4						
5						
6						

6792 TRIDEMORPH (Calixin) $C_{19}H_{39}NO$ N-Tridecyl-2,6-dimethylmorpholine



Mol. Wt 297.5

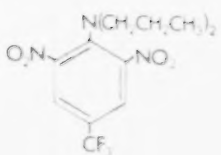
Use Fungic.

LD_{50} 650

Ref

	A	B	C	D	E	F
1						
2						
3						
4						
5						
6						

6800 TRIFLURALIN (Treflan) $C_{13}H_{16}F_3N_3O_4$ α,α,α-Trifluoro-2,6-dinitro-N,N-dipropyl-p-toluidine



Mol. Wt 335

Use Herbic.

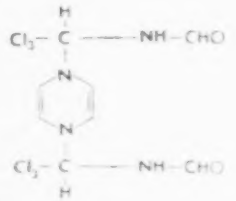
LD_{50} 3,700

Ref

	A	B	C	D	E	F
1	C		11		2,11	bc
2	AJ	74	11	74	12	t,u
3	AJ	72	20	809	2	u
4	AO	74	47	103	2	u
5	AO	71	47	403	11	t,u
6	AN	70	10	174	2	u

Code	Common Name	Emp. Form.	Chemical Name	Structure

6607 DIHOPINE (CIBA 4504) $C_{13}H_{14}Cl_6N_4O_2$ N,N'-(1-4-Piperazinediyl-bis-(2,2,2-trichloroethylene))-bis-(formamide)



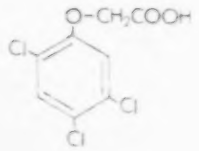
Mol Wt 470

Use Fungic.

LD_{50} 10,000

Ref	A	B	C	D	E	F
1						
2						
3						
4						
5						
6						

6608 2,4,5-T, ESTER $C_{10}H_7Cl_3O_3$ 2,4,5-Trichlorophenoxyacetic acid



Mol Wt 255.5

Use Herbic.

LD_{50} 400

Ref	A	B	C	D	E	F
1	51	75	22	203	-	1+
2	75	60	12	161	-	1
3	40	11	62	203	11	1+
4	25	77	1	29	0	0
5	80	75	1+2	171	+	-
6	4	77	1+2	204		

6609 2,4,5-T BUTOXYETHANOL $C_{14}H_{17}Cl_3O_4$ 2,4,5-Trichlorophenoxyacetic acid, ester with butoxyethanol

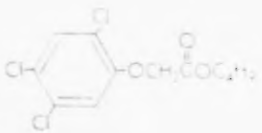
Mol Wt 339.5

Use Herbic.

LD_{50} 500-1000

Ref	A	B	C	D	E	F
1			1+2			
2			1+2			
3						
4						
5						
6						

6610 2,4-D, ESTER $C_{10}H_{10}Cl_2O_3$ 2,4-Dichlorophenoxyacetic acid, ester



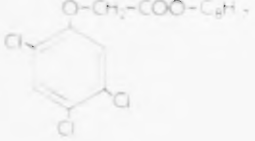
Mol Wt 249

Use Herbic.

LD_{50} 500-1000

Ref	A	B	C	D	E	F
1			1+2			
2			1+2			
3						
4						
5						
6						

6611 [illegible] $C_{14}H_{19}Cl_2O_4$ [illegible]



Mol Wt 322

Use Herbic.

LD_{50} 1000-2000

Ref	A	B	C	D	E	F
1			1+2			
2			1+2			
3						
4						
5						
6						

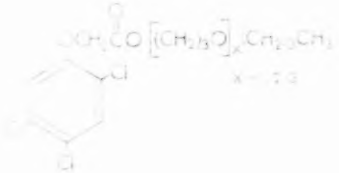
Code	Common Name	mp Form	Chemical Name	Structure

Mol Wt

Use

LD_{50}

Ref	A	B	C	D	E	F
1						
2						
3						
4						
5						
6						

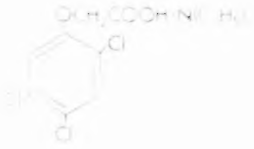


Mol Wt

Use

LD_{50}

Ref	A	B	C	D	E	F
1						
2						
3						
4						
5						
6						

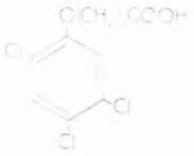


Mol Wt

Use

LD_{50}

Ref	A	B	C	D	E	F
1						
2						
3						
4						
5						
6						



Mol Wt

Use

LD_{50}

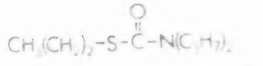
Ref	A	B	C	D	E	F
1						
2						
3						
4						
5						
6						

Mol Wt

Use

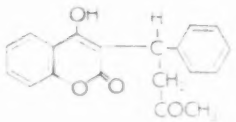
LD_{50}

Ref	A	B	C	D	E	F
1						
2						
3						
4						
5						
6						

Code	Common Name	Emp. Form.	Chemical Name	Structure
7020	VERNOLATE (Ver - n)	$C_{10}H_{21}NOS$	S-Propyl N,N-dipropyl-thiocarbamate	

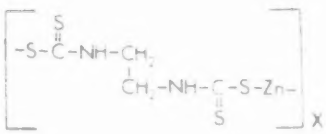
Mol. Wt. 203
Use Herbic.
LD_{50} 1,800

Ref.	A	B	C	D	E	F
1	C		11		*	*
2	AJ	60	9	314	10	A
3	77				15	C*
4	AJ	67	5	557	20	--
5						
6						

Code	Common Name	Emp. Form.	Chemical Name	Structure
7060	WARFARIN	$C_{19}H_{16}O_4$	3-(α-Acetonylbenzyl)-4-hydroxycoumarin	

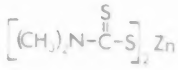
Mol. Wt. 308
Use Rodenticide
LD_{50} 323

Ref	A	B	C	D	E	F
1	BA	67	92	192	10	*
2	AJ	69	16	44	15	A
3						
4						
5						
6						

Code	Common Name	Emp. Form.	Chemical Name	Structure
7120	ZINEB	$(C_4H_6N_2S_4Zn)_x$ (polymeric)	Zinc ethylenebisdithiocarbamate	

Mol. Wt. 276
Use Fungic.
LD_{50} 5,200+

Ref	A	B	C	D	E	F
1	C		11		10	*
2	AL	47	80	1102	10	A
3	AL	71	64	1120	10	C,*
4	AJ	72	20	867	2	M
5						
6						

Code	Common Name	Emp. Form.	Chemical Name	Structure
7100	ZIRAM	$C_6H_{12}N_2S_4Zn$	Zinc dimethyldithiocarbamate	

Mol. Wt. 306
Use Fungic.
LD_{50} 1,400

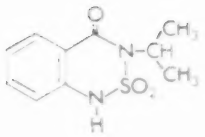
Ref	A	B	C	D	E	F
1	C		11		10	*
2	AL	69	50	1226	8	A
3	AL	70	53	1043	10	C
4						
5						
6						

Code	Common Name	Emp. Form.	Chemical Name	Structure

ADDENDA

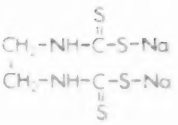
Mol. Wt.
Use
LD_{50}

Ref	A	B	C	D	E	F
1						
2						
3						
4						
5						
6						



Mol. Wt.
Use
LD_{50}

Ref	A	B	C	D	E	F
1						
2						
3						
4						
5						
6						



LIST OF COMPOUNDS DELETED FROM STOCK

All compounds in the repository stock are reviewed biennially to determine if they should be continued. Compounds are deleted if manufacturing is discontinued or if, during a two-year period, we receive no requests for a given compound.

The following 88 compounds listed in our 1973 Index have been deleted in this edition for one of the above reasons:

Akton

Alar

Aldicarb Oxime Sulfone

Aldicarb Oxime Sulfoxide

Aldicarb Sulfone

Aldicarb Sulfoxide

Amidithion

Ammonium Sulfamate

*
Banamite

Bandane

Basamaize

Benazolin

Benzomate

Binapacryl

Bismuth Subsalicylate

Bomyl

Bromoxynil Octanoate

Bulan

Buturon

Cartap Hydrochloride

*Anot

CECA

Chlorbromuron

Chlorflurenol

Chlormequat Chloride

Chloronitropropane

Chloropropylate

Chloroxuron

Chlorthiamid

Copper 8 Quinolate

Coumachlor

Coumatetralyl

Cyano (methylmercury) guanidine

Cyanox

DAEP

Dazomet

o,p'-DDA

Deet

Demeton (mixed isomers; individual isomers still stocked)

Desmetryn

Dilan

Dimethrin

Dinobuton

Diram

Fenuron

Fenuron-TCA

Fluorodifen

Gophacide

Hexachloroacetone

Hormodin

Iodofenphos

Isothan

Landrin-3,4,5 isomer

Landrin-2,3,5 isomer

Lethane 60

Memmi

Metabromuron

Methyl Carbophenothion

Metribuzin

MGK R 11

MGK 264

MGK 326

MGK R 874

Niclosamide

Norbormide

Norea

OCS-21693

Pentac

Phosfon

Pival

Plantvax

Plictran

Prolan

Propyl Isome

Pyramat

Pyriclor

Sabadilla

Sulfaquinoxaline

Sulphenone

Sumitol

SWEP

Tabatrex

TCA

Terbutol

Tetramethrin

TIBA

Tutane

Vancide TH

Zoalene

Section II

THE HANDLING AND STORAGE OF ORGANOPHOSPHOROUS PESTICIDES

Samples of organophosphorous pesticides that are to be used as analytical standards should be carefully protected from possible decomposition. Because the rate of decomposition increases with temperature, organophosphorous pesticide standards should be refrigerated. They should be stored tightly closed in a refrigerator kepts at 0°C to 5°C. Minute traces of moisture also enhance the decomposition rate, so that the sealed bottles should be placed in a desiccator while inside the refrigerator. If a desiccator cannot be spared, a large, wide-mouth jar can be substituted by placing some desiccant in the bottom of the jar and the standards bottles on a platform. This storage system minimizes moisture pickup while helping prevent vapor from permeating the entire refrigerator.

When a sample is removed from the refrigerator for use, its temperature should be permitted to fully equilibrate with that of the room, preferably under continuous desiccation. The sub-sample should be removed as quickly as possible and the bottle resealed and returned to refrigerated storage as rapidly as possible.

These compounds should most emphatically NOT be stored for undue periods of time even at low temperature. It is recommended that after a year the standard be discarded in a safe manner and a fresh standard be requested. A six-month period is even safer.

Extreme caution must be exercised while handling many organophosphorous pesticides. They are highly toxic, not only by oral ingestion, but dermally and by inhalation. Disposable plastic gloves should be worn at all times during the handling of the primary standard. Except for the time required for weighing on the analytical balance, all handling of the standard should be carried out in an exhaust hood to minimize inhalation of vapor. If in spite of all precautions a drop of the primary standard should get on the skin, thorough washing with copious amounts of soap and water should be carried out immediately. In case of heavier spillage on the skin or any other accidental exposure, a physician should be consulted AT ONCE.

Section III

PREPARATION AND STORAGE OF PESTICIDE ANALYTICAL STANDARDS

A. EQUIPMENT AND SOLVENTS

1. Analytical balance capable of an accuracy of ±0.05 mg.

2. Flasks, volumetric - 25, 50, and 100 ml.

3. Spatula, stainless steel.

4. Stirring rods, glass, ca. 100 x 6 mm.

5. Bottles, inverted ȝ stopper, 30 ml, Corning 1560.

6. Refrigerator, explosion-proof, with freezer across top, capable of maintaining +4°C in refrigerator section and -15°C in freezer.

   NOTE: Chemical and sample materials should preferably be stored in separate refrigerators; however, if a laboratory has only one refrigerator, sample materials should be stored in air-tight glass containers to prevent contamination by spillage or airborne vapors from pesticides.

7. Vials, screw cap, 15 x 45 mm, 1 dram, Kimble number 60910.

8. Bottles, prescription, graduated, with molded plastic screw caps, sizes 1/2 and 1 oz. (available from most wholesale drug suppliers).

9. Cap liners, Teflon, sizes 13, 15, and 18, Arthur H. Thomas 2390.

10. Primary pesticide standards. Available from the Repository at Research Triangle Park, North Carolina in 1/4 oz. bottles with foil-lined molded screw caps.

    NOTE: The organophosphorous compounds are subject to a wide v of oxidations, rearrangements, and hydrolytic reactions. Thes should be stored in the refrigerator in a large air-tight container (such as a wide-mouth mayonnaise jar), or in a desiccator, to minimize moisture absorption, release of toxic vapors, or cross-contamination. ALL HANDLING OF THESE STANDARDS SHOULD BE DONE WITH RUBBER OR DISPOSABLE PLASTIC GLOVES. SKIN CONTACT WITH HIGH CONCENTRATES CAN RESULT IN ILLNESS OR DEATH.

11. Isooctane (2,2,4-trimethylpentane) or hexane, pesticide quality, distilled in glass.

    NOTE: (1) A 10 µl injection of the solvent to be used should result in a chromatogram with zero background.

(2) Isooctane or hexane are both suitable for standard dilutions. Isooctane, while more expensive, offers the advantage of a 100°C boiling point and is therefore less subject to evaporation from repeated opening of bottles, particularly of working standard mixtures.

12. Benzene, pesticide quality, distilled in glass.

B. PROCEDURES

1. Preparation of concentrated stock standard solutions.

Except for concentrates for special purposes, a concentration of 200 micrograms per milliliter is suitable for most common pesticides. This concentration can be prepared by diluting 20 mg of the 100% primary standard to 100 ml.

Either benzene or hexane is suitable as the solvent for most of the primary standards. A few compounds, however, dissolve in hexane with great difficulty, but readily in benzene, with stirring and a slight application of heat from the hot water bath. Benzene has the slight disadvantage of solidifying at freezer temperatures, but the expansion has never proved sufficient to cause bottle breakage in this laboratory.

The concentrated standards of chlorinated compounds should maintain uniform strength for a 6-month period at -15 to -20°C. The organophosphate standards are far less stable than the organochlorines. It is recommended that the concentrated stock be held no longer than 4 months at -15°C.

NOTE: Extreme care must be used in the formulation of this standard. If an error is made here, all subsequent dilutions for the life of the standard will be inaccurate. Obviously, all quantitations of samples will be similarly incorrect.

2. Preparation of standard solutions of intermediate concentration.

These will be the standard solutions from which the final working mixtures will be prepared. The decrease in strength from the concentrated stock to the final working standard is generally too great to achieve in one dilution step. Except for a few of the less responsive compounds, it is generally preferable to prepare a solution of an intermediate concentration. This solution, in turn, is further diluted volumetrically to obtain the final working standard. Convenient intermediate concentrations of a number of the more common pesticides are given in Table 1.

The intermediate concentration standards of the chlorinated compounds, if stored in the freezer at -10 to -15°C, should be stable for a 6-month period. Except for the fact of repeated warming and opening for making working standards, these standards could be held much

longer. However, considering this factor, a safer time limit is 6 months.

The organophosphorous intermediate standards should be similarly stored in the freezer. The time limit on these standards should not exceed 4 months.

3. Working Standard Mixtures.

   a. Preparation and storage.

      Isooctane is favored as the solvent for the working standard mixtures because the many repeated bottle openings greatly increase the possibility of evaporation and subsequent concentration of standards if a lower-boiling-point solvent is used.

      Table 2 is useful in rapid determination of the aliquot volumes of the stronger concentrates required for given concentrations of the diluted standards.

      The use of standard mixtures of varying concentrations is a necessity for reliable quantification of unknowns. The degree of peak height variation between sample and standard should ideally not exceed 10% although variations up to 25% should not result in appreciable error. A simple means of achieving this is to have available working standard mixtures of three concentrations. The suggested mixtures given in Table 3 have proved very useful in the analysis of tissues. Those laboratories conducting analysis on environmental samples may wish to make alterations in the compound content, but the 3-concentration concept should be applicable for any media.

C. CONTAINERS FOR STANDARD SOLUTIONS

Volumetric flasks are, of course, the recommended glassware for preparation of all standard solutions. However, these containers are not suitable for storage primarily for the following reasons:

1. An inordinate amount of valuable refrigerator space is required for the storage of a significant number of flasks.

2. A large quantity of expensive volumetric glassware is tied up and therefore not available for other uses.

A most suitable container for the concentrated stock that will be stored from 4 to 6 months is the bottle described in Item 5 under EQUIPMENT AND SOLVENTS. Although these bottles are expensive, large numbers are not required in most laboratories. The cap has an inner ⅝ joint that slips down over the outer ⅝ joint of the bottle, thus affording complete protection of the mouth of the bottle from contamination. The inverted-stopper bottles present one problem in the tendency of the cap to pop off during the equilibration period from freezer to room temperature. They require some watching.

If desired, these same inverted-stopper bottles may be used for storing the standards of intermediate concentration. However, laboratories on a limited operating budget may prefer to use a less expensive container such as the graduated prescription bottles described in Item 8 of the equipment list. When the Teflon liners are used (Item 9), these provide a wholly suitable container and store well. The No. 15 liner is needed for the 1/2-oz. bottle cap while the 1-oz. bottle cap takes a No. 18 liner.

The selection of working standard containers and manner of handling and storage are, to some extent, a matter of local preference. Following are two procedures, either of which has proved satisfactory:

Method A

After the working standard mixtures are formulated in volumetric flasks, they are transferred to 1/2-oz. prescription bottles fitted with Teflon-lined screw caps. These should be stored in the refrigerator at all times when not in use. Organochlorine (OGC) working standards should be renewed monthly and the organophosphorous (OGP) compounds semimonthly.

Method B

The working standard mixtures are transferred from the volumetric flasks into 1-dram vials (Item 7) fitted with Teflon-line screw caps (No. 13). The set of standards needed for immediate use may be conveniently fitted in a small block of polystyrene into which holes have been cut with a rattail file to a size that will snugly accommodate the vials. The remainder of the filled vials will be stored at -10 to -15°C.

The OGC standard solutions in the block are held continuously at room temperature and are discarded at the end of 1 week; fresh vials from the freezer should then be substituted for the discarded solutions. Vials of OGP solutions, however, should be kept in the refrigerator at all times when not in use. Vials of OGC compounds that are kept frozen can be held in the freezer for up to 6 months, whereas frozen OGP compounds should be discarded after 4 months.

Table 1

SUGGESTED CONCENTRATIONS OF STANDARD SOLUTIONS
OF INTERMEDIATE CONCENTRATION

CHLORINATED	ng/µl	ORGANOPHOSPHOROUS	ng/µl
α-BHC	1	Mevinphos	50
β-BHC	2	Phorate	50
Lindane	1	Dimethoate	40
Heptachlor	1	Diazinon	20
Aldrin	1	Methyl parathion	10
Heptachlor epoxide	1	Ethyl parathion	10
o,p'-DDE	1	Malathion	20
p,p'-DDE	2	Ethion	20
Endosulfan	4	Carbophenothion	10
DDA (methyl ester)	*	Azinphos (methyl or ethyl)	*
Dieldrin	2	Dichlorvos	2
o,p'-DDD	2	Dioxathion	20
Endrin	4	Ronnel	10
Perthane	*	Fenthion	4
p,p'-DDD	4	Phosphamidon	50
o,p'-DDT	4	Folex	30
p,p'-DDT	4	DEF	10
Dilan	10	Phencapton	50
Methoxychlor	10	Monocrotophos	*
Tetradifon	20	EPN	*
Mirex	10	Imidan	*
Chlordane	10	Coumaphos	50
Toxaphene	*	Disulfoton	2

*Final working standard made up directly from the 200 ng/µl concentrate.

The solvent for the intermediate standards may be isooctane or hexane (pesticide qualtiy). Isooctane should be considered because of its higher boiling point, hence reduced possibility of evaporation of solvent when container is repeatedly opened.

Table 2. Commonly used dilution values. Values in left columns are the ml of concentrated soln. required per 100 ml to arrive at the conc. values given in the right columns. Value at head of each column is the concentration of the stock soln.

1µg/µl		200 ng/µl		20 ng/µl		10 ng/µl		4 ng/µl		2 ng/µl		1 ng/µl	
ml	ng/µl	ml	ng/µl	ml	pg/µl	ml	pg/µl	ml	pg/µl	ml	pg/µl	ml	pg/µl
50	500	50	100	5	1,000	10	1,000	20	800	35	700	50	500
47.5	475	47.5	95	4.875	975	9	900	18.75	750	32.5	650	45	450
45	450	45	90	4.75	950	8	800	17.5	700	30	600	40	400
42.5	425	42.5	85	4.625	925	7	700	16.25	650	27.5	550	37.5	375
40	400	40	80	4.5	900	6	600	15	600	25	500	35	350
37.5	375	37.5	75	4.375	875	5	500	13.75	550	22.5	450	32.5	325
35	350	35	70	4.25	850	4.75	475	12.5	500	20	400	30	300
32.5	325	32.5	65	4.125	825	4.5	450	11.25	450	17.75	375	27.5	275
30	300	30	60	4	800	4.25	425	10	400	17.5	350	25	250
27.5	275	27.5	55	3.875	775	4	400	9.375	375	16.25	325	22.5	225
25	250	25	50	3.75	750	3.75	375	8.75	350	15	300	20	200
22.5	225	22.5	45	3.625	725	3.5	350	8.125	325	13.75	275	17.5	175
20	200	20	40	3.5	700	3.25	325	7.5	300	12.5	250	15	150
17.5	175	17.5	35	3.375	675	3	300	6.875	275	11.25	225	12.5	125
15	150	15	30	3.25	650	2.75	275	6.25	250	10	200	10	100
12.5	125	12.5	25	3.125	625	2.5	250	5.625	225	8.75	175	9.5	95
10	100	10	20	3	600	2.25	225	5	200	7.5	150	9	90
9.5	95	9.5	19	2.875	575	2	200	4.375	175	6.25	125	8.5	85
9	90	9	18	2.75	550	1.75	175	3.75	150	5	100	8	80
8.5	85	8.5	17	2.625	525	1.5	150	3.125	125	4.75	95	7.5	75
8	80	8	16	2.5	500	1.25	125	2.5	100	4.5	90	7	70
7.5	75	7.5	15	2.375	475	1	100	2.375	95	4.25	85	6.5	65
7	70	7	14	2.25	450	.95	95	2.25	90	4	80	6	60
6.5	65	6.5	13	2.125	425	.9	90	2.125	85	3.75	75	5.5	55
6	60	6	12	2	400	.85	85	2	80	3.50	70	5	50
5.5	55	5.5	11	1.875	375	.8	80	1.875	75	3.25	65	4.5	45
5	50	5	10	1.75	350	0.75	75	1.75	70	3	60	4	40
4.5	45	4.5	9	1.625	325	.7	70	1.625	65	2.75	55	3.5	35
4	40	4	8	1.5	300	.65	65	1.5	60	2.5	50	3	30
3.5	35	3.5	7	1.375	275	.6	60	1.375	55	2.25	45	2.5	25
3	30	3	6	1.25	250	.55	55	1.25	50	2	40	2	20
2.5	25	2.5	5	1.125	225	0.5	50	1.125	45	1.75	35	1.5	15
2	20	2	4	1	200	.45	45	1.	40	1.5	30	1	10
1.5	15	1.5	3	0.875	175	.4	40	.875	35	1.25	25	0.9	9
1	10	1	2	0.75	150	.35	35	.75	30	1	20	.8	8
0.5	5	0.5	1	0.625	125	.3	30	.625	25	.75	15	.7	7
				0.5	100	0.25	25	0.5	20	0.5	10	.6	6
								0.25	10			.5	5
								0.125	5				

Table 3

SUGGESTED MIXTURES FOR QUANTITATION OF SOME
COMMON CHLORINATED COMPOUNDS

Compound	Concentration, picograms per microliter		
A SERIES	A_1	A_2	A_3
Lindane	5	10	20
Aldrin	5	10	20
Dieldrin	10	20	40
o,p'-DDT	15	30	60
p,p;-DDT	15	30	60
B SERIES	B_1	B_2	B_3
β-BHC	15	30	60
Aldrin	5	10	20
Heptachlor epoxide	10	20	40
p,p'-DDE	10	20	40
p,p'-DDD	15	30	60
C SERIES	C_1	C_2	C_3
α-BHC	5	10	20
β-BHC	5	10	20
Aldrin	5	10	20
o,p'-DDE	10	20	40
o,p'-DDD	15	30	60

Section IV

DECODING RESIDUE ANALYTICAL METHOD REFERENCES

Six residue method references for each compound are cited if this number could be located. Those cited do not necessarily represent the complete bibliography for any given compound. Where there were ample bibliography, methods for various types of media are cited. With a few exceptions, references are restricted to publications within the past ten years. There is no intention to endorse or recommend any cited methodology. They are represented purely as an aid to the analyst in the search for candidate methodology to resolve an analytical task.

To conserve space, the references are presented in code, each citation in a series of six blanks under capital letter headings of A through F in Section II wherein all available reference standard compounds are listed. The decoding key is given in the following:

A	B	C	D	E	F
Source	Year	Volume	Page	Instrumentation	Media

A Name of Journal or Other Source

(Languages: E = English, F = French, G = German, I = Italian, A = Arabic, J = Japanese, R = Russian, S = Spanish)

A Analysis of Pesticide Residues in Human and Environmental Samples. Ed. Thompson, JF. Environmental Protection Agency, Research Triangle Park, N.C. 1975

B Official Methods of Analysis of the Association of Official Analytical Chemists, 11th Ed. (with supplements), 1970

C Pesticide Analytical Manual. Ed. Corneliussen, PE. Food and Drug Administration, Washington, D.C.
Volume I, 1972 (Multiresidue)
Volume II, 1973 (Individual Residues)

D Standard Methods of the Stored Products Insects Branch. Agricultural Research Service, U.S. Dept. of Agriculture

American (A...; Z...) (All E)

AA American Laboratory
AB Analytical Chemistry
AC Analytical Methods for Pesticides, Plant Growth Regulators, and Food Additives. Ed. Zweig, G. Academic (New York)
AD Bulletin of Environmental Contamination and Toxicology
AE Chemical Abstracts (Number in Column "C" represents the volume number (hyphen) abstract number)
AF Dissertation Abstracts International (Section B: Sciences and Engineering)

A

AG Environmental Science and Technology
AH Food and Drugs from the Sea, Proceedings of the Conference on Drugs from the Sea, 3rd Ed. Worthen, LR. Washington, D.C. Marine Technological Society
AI International Journal of Environmental Analytical Chemistry
AJ Journal of Agricultural and Food Chemistry
AK Journal of the American Water Works Association
AL Journal of the Association of Official Analytical Chemists
AM Journal of Gas Chromatography (Ending December, 1968, name changed to following title)
AN Journal of Chromatographic Science
AO Journal of Dairy Science
AP Journal of Economic Entomology
AQ Journal of Environmental Quality
AR Journal of Food Science
ARA Journal of Food Science Technology
AS Journal of Pharmaceutical Sciences
AT Microchemical Journal
AU Mississippi Farm Research
AV Health Aspects of Pesticides Abstract Bulletin (Ending December, 1973, name changed to the following title) (Column "C" is Abstract number)
AW Pesticides Abstracts (Column "C" is Abstract number)
AX Pesticide Chemistry, Proceedings of the International Congress of Pesticide Chemistry, 2nd, Tel-Aviv, Israel. Ed. Tahori, AS. Six volumes. Gordon and Breach
AY Pesticide Monitoring Journal
AZ Proceedings of the Florida State Horticultural Society
ZA Proceedings of the Sourthern Weed Conference (name changed to the following title)
ZB Proceedings of the Southern Weed Science Society
ZC Pyrethrum: Natural Insecticide. Pap. Int. Symp., 1972 Ed. Casida, JE. Academic (New York)
ZD Residue Reviews. Ed. Gunther, FA. Springer-Verlag (New York)
ZE Science of the Total Environment
ZF Soil Science of America, Proceedings
ZG Tappi
ZH Trace Substances in Environmental Health, Proceedings of the University of Missouri's Annual Conference. Ed. Hemphill, DD. University of Missouri (Columbia)
ZI Weeds (Ending October, 1974, name changed to the following title)
ZJ Weed Science

British (B...)

BA Analyst - E
BB Chemistry and Industry - E
BC Journal of the Science of Food and Agriculture - E
BD Journal of Stored Products Research - E
BE Pesticide Science - E
BF Talanta - E,F,G
BG Water Research - E
BH Weed Research - E,F,G

A Canadian (C...)

CA Canadian Journal of Plant Science

Egyptian (E...)

EA Journal of Chemistry of the United Arab Republic - E,A

French (F...)

FA Annales de Biologie Clinique
FB Annales des Falsifications et de l'Experise Chimique

German (G...)

GA Archiv fuer Pflanzenschutz -G,E
GB Arch. Phytopath. Pflanz.
GC Archiv fuer Toxikologie - G,E
GD Deutsche Lebensmittel-Rundschau - G
GE Fresenius' Zeitschrift fuer Analytische Chemie - G
GF Nahrung - G
GG Pharmazeutische Zentralhalle - G
GH Pflanzenschutz-Nachrichten (American Edition) - E
GI Pflanzenschutz-Nachrichten Bayer - G
GJ Vitis - G,E

Italian (I...)

IA Agrochemia - E,F,G,I,S
IB Industria Conserve - I,E,F,G ("Canning Industry")

Indian (K...)

KA Journal of the Indian Chemical Society - E

Japanese (J...)

JA Agricultural and Biological Chemistry - E
JB Bochu-Kagaku - E,J ("Scientific Pest Control")
JC Bunseki Kagaku - E,J ("Japan Analyst")
JD Igaku To Seibutsugaku - J ("Medicine and Biology")
JE Kobe Journal of the Medical Sciences - E
JF Nippon Dojo-Hiryogaku Zasshi - J ("Journal of the Science of Soil and Animal Fertilizers")
JG Nippon Noson Igakki Zasshi
JH Noyaku Kensasho Hokoku - J ("Bulletin of the Agricultural Chemistry Inspection Station")
JI Noyaku Seisan Gijutsu - J ("Pesticides and Technique")

A Russian (R...)

RA Gazovaya Khromatografiya - R
RB Gigiena i Sanitariya - R
RC Hygiene and Sanitation - E (English version of the above title)
RD Khimiya v Sel'skom Khozyaistve - R
RE Voprosy Pitaniya - R
RF Zavodskaya Laboratoriya - R

West European--Miscellaneous (W...)

WA Acta Chemica Scandanavica - E
WB Analytica Chimica Acta - E
WC Annales de Gembloux - F
WD Journal of Chromatography - E,F,G
WE Journal of Radioanalytical Chemistry - E

E Type of Instrumentation or Determinative Procedure Used

1 Gas-liquid Chromatography, Electrolytic Conductivity Detector
2 Electron Capture
3 Flame Ionization
4 Flame Fnotometric
5 Mass Spectrometer
6 Microcoulometric
7 Inert Gas Plasma Emission
8 Thermal Conductivity
9 Thermionic
10 Other or Unspecified (in abstract)
11 Thin Layer or Paper Chromatography (All methods of detection)
12 Spectrophotometry or Colorimetry
13 Atomic Absorption Spectrometry
14 Fluorimetry or Phosphorimetry
15 Electrochemical (All methods)
16 High Pressure Liquid Chromatography, Column Chromatography, or article dealing primarily with extractive methodology
17 Enzymatic
18 Titrimetric (All methods)
19 Bioassay
20 Review article
21 Exact Method Uncertain (in abstract)

F Sample Materials

Plant

a Foliage, general or unspecified plant tissues
b Forage/Fodder Crop
c Cereal/Grain Crop
d Vegetable Crop
e Fruit Crop

F

f Root Crop
g Oil-bearing Seeds (Cotton, Soybeans, etc.) or Vegetable Oils
h Nuts
i Trunk, Stalk (eg. sugarcane), or Paper

Animal

j Animal, Insect, or Human Tissue (including fats)
k Fish, or Aquatic Species Tissue or Fats
l Blood
m Urine
n Feces

Food

o Dairy Products
p Eggs
q Honey
r Bread
s Beer or Wine

Environmental

t Water
u Soil
v Air

Other

w Pesticides Formulations
x Working Solutions or Unspecified

ILLUSTRATION OF USE OF THE KEY

Referring to the compound, Acephate, we note a total of two references. Taking the first reference for illustration, we see

A	B	C	D	E	F
AL	74	57	189	3	a

Reference to the journal list shows that the AL under A refers to the Journal of the Association of Official Analytical Chemists; the number 74 under B shows the publication year to be 1974; the 57 under C is the volume number of the journal; the 189 under D is the starting page of the journal publication; the digit 3 under E indicates that the determinative instrumentation was gas-liquid chromatography with a flame ionization detector; and the lower case a under F indicates that the author conducted his research on plant tissues.

Published residue methodology could not be located for a number of the compounds listed, but in many instances the producing companies have developed methodology which are available by writing the companies. These company-developed methods are referenced in the coding under the A heading by a single digit and a capital letter. This symbol refers to the symbol opposite some company listed in Section VI. For example, the symbol 1I appearing under

the A heading identifies the American Cyanamid Company as the method source; the symbol 3Q refers to the FMC Corporation, and so on. In these company method citations, data under B, C, and D headings are omitted as they are inapplicable.

Section V

LIST OF CONTRIBUTING PESTICIDE PRODUCING COMPANIES

Code	Company	Code	Company
1A	Allied Chemical Corporation	5Q	Monsanto Commercial Products Co.
1E	Amchem Products, Inc.	6A	Nor-Am Agricultural Products Co.
1I	American Cyanamid Company, Inc.	6I	Olin Agricultural Division
1M	The Ansul Company	6M	S.B. Penick & Company
1Q	BASF Wyandotte Corporation	6Q	Pennwalt Corporation
1Z	Buckman Laboratories, Inc.	6S	Pepro S.A. (France)
2A	Celamerck GMBH & Co. KG (W.Germ.)	6U	Pfister Chemical, Inc.
2C	Cheminova (Denmark)	7A	PPG Industries, Inc.
2E	Chempar Chemical Company, Inc.	7E	Plant Protection, Ltd. (England)
2I	Chevron Chemical	7I	Rhodia, Inc., Chipman Division
2U	Diamond Shamrock Corporation	7J	Rohm & Haas Company
2Z	Dow Chemical U.S.A.	7M	Sandoz, Inc.
3A	I.E. DuPont de Nemours & Co.	7Q	Schering (West Germany)
3E	Elanco Products Company	7U	Shell Chemical Company
3I	E. & M. Laboratories	7Z	Stauffer Chemical Company
3M	Fike Chemicals, Inc.	8A	Sumitomo Chemical Co., Ltd.(Japan)
3Q	FMC Corporation	8E	Tenneco Chemicals
3Z	Gulf Oil Chemical Company	8I	Thompson-Hayward Chemical Co.
4A	Hercules, Inc.	8M	Union Carbide Corporation
4E	Hoechst, AG (West Germany)	8Q	Uniroyal, Inc.
4I	ICI United States, Inc.	8U	The Upjohn Company
4P	Kumai Chemical (Japan)	8Z	U.S. Borax Research Corporation
4Z	3M Company	9A	Velsicol Chemical Corporation
5E	McLaughlin Gormley King Co.	9E	Vineland Chemical Co., Inc.
5I	Merck, Sharpe & Dohme	9I	West Agro-Chemical, Inc.
5K	Miller Chemical & Fertilizer	9M	Zoecon Corporation
5M	Mobil Chemical Company		

Section VI

INDEX OF PESTICIDE EQUIVALENT NAMES

The list of over 2,400 pesticide names in the following pages will assist the reader in tracking down the official or common names of a wide variety of pesticides when the only names available are of proprietary or trade origin.

Each page of the compendium consists of two columns of pesticidal compounds with each column showing on the left, in alphabetical order, a pesticide name including "common" as well as proprietary or trade names. In the center the common name is given if any has been assigned at the time of this edition. On the right a stock code number appears if the compound is one which is available from our repository stock.

The common or generic name is one confirmed for oridnary use by the United States Standards Organization (USSO). The common names are proposed by such organizations as the Weed Science Society of America (WSSA) or the Entomological Society of America (ESA). In many cases the name appearing under COMMON NAME is the name in most common use at the time of this edition and may well be a proprietary name for lack of an accepted common name. The reader should be aware, however, that during the life of this edition many compounds known currently only by trade names will be assigned common names.

The subject of pesticide nomenclature is constantly changing. Many people in the pesticide field have questioned the need to change relatively short, simple and long-duration names such as Trithion, Guthion, and Zectran to such tongue-twisters as carbophenothion, azinphos methyl and mexacarbate.

PESTICIDE EQUIVALENT NAMES

NAME	COMMON NAME	CODE NUMBER
Aatrex	Atrazine	0420
Abate	Temephos	0020
Abathion	Temephos	0020
AC-4124	Dicapthon	
AC-12880	Dimethoate	2420
AC-18682	Protnoate	
AC-26691	Cythioate	1621
AC-47031	Phosfolan	1610
AC-84777	Difenzoquat	2395
Acarben	Chlorobenzilate	1360
Acaralate	Chloropropylate	
Acarin	Dicofol	2340
Acarol	Bromopropylate	
Accelarate	Endothall	3240
Accothion	Fenitrothion	3480
Acephate	Acephate	0025
ACP 322	Naptalam	4920
Acquinite	Chloropicrin	
Acrex	Dinobuton	
Acricid	Binapacryl	
Acrizane	Phenacridane chloride	
Acrolein	Acrolein	0027
Acronize	Chlortetracycline	
Acrylaldehyde	Acrolein	0027
Actellic	Pirimiphos-methyl	5643
Acti-Aid	Cycloheximide	1600
Actidione	Cycloheximide	1600
Actispray	Cycloheximide	1600
Activol	Gibberellic acid	3790
Actril	Ioxynil	4040
Aerotheme TT	Trichloroethane	
Afalon	Linuron	4240
Afesin	Monolinuron	4761
Aflix	Formothion	3722
Afos	Mecarbam	4431
Afugan	Pyrazophos	5932
Agallol	MEMC	
Agrimycin	Streptomycin	6222
Agrisil	Trichloronate	
Agristrep	Streptomycin	6222
Agritol	Bacillus Thuringiensis	
Agritox	Trichloronate	
Agrosan	PMA	5680
Agrotec	2,4-D	2340
Agrothion	Fenitrothion	3480
Agrox	Phenylmercury urea	
Agroxon	MCPA	4340
Akar	Chlorobenzilate	1360
Alamos	Azothoate	
Alanap	Naptalam	4920
Alar	Daminozide	
Aldicarb	Aldicarb	0060
Aldrin	Aldrin	0080
Aldrite 4	Aldrin	0080
Aldrosol	Aldrin	0080
Alfacron	Iodofenphos	
Alfa-tox	Methoxychlor & Diazinon 4540,	2080
Alipur	Cycloron & Chlorbufam	
Alkron	Parathion	5245
Alleron	Parathion	5245
Allethrin	Allethrin	0100
Allisan	Dichloran	2260
Alltox	Toxaphene	6740
Allyveratrole	Methyl eugenol	
Altosid	Methoprene	4531
Ambox	Binapacryl	
Ambush	Aldicarb	0060
Amcide	AMS	
Amerol	Amitrole	0200
Amethopterin	Methotrexate	
Ametrex	Ametryn	0120
Ametryn	Ametryn	0120
Amex 820	Dibutalin	
Amiben	Chloramben	0140
Amidithion	Amidithion	
Amid-thin W	Naphthalene acetamide	4880
Aminocarb	Aminocarb	0180
Aminotriazole	Amitrole	0200

NAME	COMMON NAME	CODE NUMBER
Aminozide	Daminozide	
Amiphos	DAEP	
Amitrole	Amitrole	0200
Amizine	Simazine	6160
Amizol	Amitrole	0200
Ammate	AMS	
Amobam	Amobam	0220
Amoxone	2,4-D, triethanolamine salt	
Amrol	Amitrole	0200
Ancymidol	Ancymidol	0230
Anilazine	Anilazine	2920
Aniten	Flurecol-n-butylester	3630
Anofex	DDT	1880
Ansar 8100	DSMA	2860
Ansar 170	MSMA	4820
Anthio	Formothion	3722
Anthon	Trichlorfon	5780
Anthraquinone	Anthraquinone	0250
Anticarie	Hexachlorobenzene	3920
Anti-K	Sulfa-quinoxaline	
Antimilace	Metaldehyde	
Antiphen	Dichlorophen	
Antracol	Propineb	
Antu	Antu	0260
Aphoxide	Tepa	
Apl-Luster	Thiabendazole	6660
APO	Tepa	
Appex	Stirofos	3740
Aquacide	Diquat	2660
Aqua-Kleen	2,4-D	2940
Aqualin	Acrolein	0027
Aquathol	Endothall	3240
Aqua-Vex	Silvex	6120
Aquinite	Chloropicrin	
Arasan	Teram	6680
Arathane	Dinocap	2560
Aresin	Monolinuron	4761
A-Rest	Ancymidol	0230
Aretan	MEMC	
Aretit	Dinoseb-acetate	2566
Arisan	Buturon	
Aroclors	Polychlorinated biphenyls	5700-5707
Arprocarb	Propoxur	0440
Arrhenal	DSMA	2860
Arsinyl	DSMA	2860
ASP-51	Aspon	0300
Aspon	Aspon	0300
Aspor	Zineb	7120
Asulan	Asulam	0310
Asulox	Asulam	0310
Asuntol	Coumaphos	1640
ATA	Amitrole	0200
Atgard	Dichlorvos	2320
Atlacide	Sodium chlorate	
Atlas 18	Sodium arsenite	
Atra-Bor	Atrazine & Borate	
Atranex	Atrazine	0420
Atratol	Atrazine	0420
Atrazine	Atrazine	0420
Agreomycin	Chlortetracycline	
Avadex	Diallate	2040
Avadex BW	Triallate	6770
Avenge	Difenzoquat	2395
Avicol	PCNB	5280
Avitrol	A-AF	
Avlothane	Hexachloroethane	
Axiom-n	Akton	
Azak	Terbutol	
Azidithion	Menazon	4453
Azinphos-ethyl	Azinphos-ethyl	3840
Azinphos-methyl	Azinphos-methyl	3820
Aziprotryn	Aziprotryn	
Azobenzene	Azobenzene	0340
Azobenzide	Azobenzene	0340
Azodrin	Monocrotophos	0360
Azofume	Azobenzene	0340

NAME	COMMON NAME	CODE NUMBER
B-995	Daminocide	
Bakthane	Bacillus Thuringiensis	
Balan	Benefin	0480
Balfin	Benefin	0480
Banafine	Benefin	0480
Banex	Dicamba	2140
Ban-Hoe	Lenacil & Propham	4185, 5860
Banol	Carbanolate	
Bantrol	Ioxynil	4040
Banvel D	Dicamba	2140
Banvel M	MCPA & Dicamba	4340, 2140
Banvel T	Tricamba	
Barbamate	Barban	0400
Barban	Barban	0400
Barbasco	Rotenone-containing plants	
Baron	Erbon	3320
BAS 2903-H	Prynachlor	
Basagran	Bentazon	0425
Basalin	Fluchloralin	0407
Basamaize	Prynachlor	
Basinite	Dinoseb	2760
Basfapon	Dalapon-Na	1660
Basudin	Diazinon	2080
Batasan	Fentin acetate	3527
Bavistin	BCM	
Bay 13/59	Trichlorphon	6780
Bay 2352	Niclosamide	
Bay 5212	Tolyfluanid	
Bay 6072	Fenaminosulf	2020
Bay 9010	Propoxur	0440
Bay 10756	Demeton	1981, 1982
Bay 15080	Benquinox	
Bay 15203	Demeton-methyl	
Bay 16259	Azinphos-ethyl	3840
Bay 17147	Azinphos-methyl	3820
Bay 18510	Phenthoate	
Bay 19639	Disulfoton	2720
Bay 21097	Oxydemeton-methyl	5220
Bay 22555	Fenaminosulf	2020
Bay 23323	Oxydisulfoton	
Bay 23655	Metasystox S	
Bay 25141	Fensulfothion	3500
Bay 25634	Coumatetralyl	
Bay 25648	Clonitralid	0460
Bay 29493	Fenthion	3520
Bay 30130	Propanil	5840
Bay 30686	Thioquinox	
Bay 32394	Fungilon	
Bay 33051	Phenthoate	
Bay 33172	Fuberidazole	
Bay 36205	Oxythioquinox	4800
Bay 37289	Trichloronate	
Bay 37344	Methiocarb	4500
Bay 38819	Gophacide	
Bay 39007	Propoxur	0440
Bay 41831	Fenitrothion	3480
Bay 44646	Aminocarb	0180
Bay 45432	Omethoate	
Bay 46131	Propineb	
Bay 47531	Dichlofluanid	
Bay 49854	Tolyfluanid	
Bay 50282	Allyxycarb	
Bay 60618	Benzthiazuron	
Bay 68138	Nemacur	
Bay 70143	Carbofuran	1040
Bay 70533	Methachlorphenprop	
Bay 71628	Methamidophos	4760
Bay 74293	Methabenzthiazuron	
Bay 77049	Quinalphos	5966
Bay 77488	Phoxim	
Bay 78418	Edifenfos	
Bay 78770	Chloraniformethane	
Bay 94337	Metribuzin	
Baygon	Propoxur	0440
Bayluscide	Clonitralid	0460
Baymix	Coumaphos	1540

NAME	COMMON NAME	CODE NUMBER
Bayrusil	Quinalphos	5966
Baytan	MEMC	
Baytex	Fenthion	3520
Baythion	Phoxim	
BCPE	Dimite	
Belt	Chlordane	1200
Benalan	Benefin	0480
Bencornox	Benazolin	
Benefin	Benefin	0480
Benfluralin	Benefin	0480
Benlate	Benomyl	0500
Benomyl	Benomyl	0500
Bensofume	Azobenzene	0340
Bensulide	Bensulide	0520
Bentazon	Bentazon	0425
Benthiocerb	Benthiocarb	
Bentranil	Bentranil	0574
Benzac	2,3,6-TBA	6920
Benzac 354	PBA	
Benzadox	Benzadox	0577
Benzahex	BHC	0600
Benzene hexachloride	BHC	0600
Benzex	BHC	0600
Benzilan	Chlorobenzilate	1360
Benzoylprop ethyl	Benzoylprop ethyl	0578
Benzyl Benzoate	Benzyl Benzoate	0580
Berelex	Gibberellic acid	3790
Betanal	Phenmedipham	5410
Betanal AM	Desmedipham	2006
Beta-naphthol	2-Naphthol	4925
Betanex	Desmedipham	2006
Betasan	Bensulide	0520
BHC	BHC	0600
BHC, gamma	Lindane	0680
Bidisin	Methachlorphenprop	
Bidrin	Dicrotophos	0700
Bifenox	Bifenox	0733
Big Dipper	Diphenylamine	
Bilubran	Monocrotophos, Sodium & Dinocap	0360, 2560
Binnell	Benefin	0480
Bioquin	Copper 8-Quinolate	
Bioresmethrin	Resmethrin	6055
Biostat PA	Oxytetracycline	
Biothion	Temephos	0020
Biotrol BTV	Bacillus Thuringiensis	
Biotrol-Plus	Bacillus Thuringiensis & Pyrethrins	
Biphenyl	Biphenyl	0740
Birlane	Chlorfenvinphos	1300
Bis-ethyl xanthogen	EXD	3420
Black Leaf 40	Nicotine	
Bladafume	Sulfotep	
Bladan	Parathion	3440
Bladex	Cyanazine	1352
Blattanex	Propoxur	0440
Blue Vitriol	Copper sulfate	
Blulan	Benefin	0480
B-Nine	Daminozide	
Bo-Ana	Famphur	3440
Boiero	Benthiocarb	
Bordermaster	MCPA	4340
Borolin	Picloram	5600
Botran	Dichloran	2260
Botrilex	PCNB	5280
Bovinex	Trichlorfon	6780
Brasoran	Azinphotryn	
Bravo	Chlorothalonil	1640
Brestan	Fentin acetate	3527
Broadside	MSMA & Sodium Cacodylate	
Brofene	Bromophos	0840
Bromacil	Bromacil	0800
Bromax	Chlorbromuron	
Bromochlorphos	Naled	4860
Bromeflor	Ethephon	1337
Bromex	Naled or Chlorbromuron	4860
Brominal	Bromoxynil Octanoate	
Bromodan	Bromocyclen	

NAME	COMMON NAME	CODE NUMBER
Bromofume	Ethylene dibromide	
Brom-O-Gas	Methyl bromide	
Bromophenoxim	Bromophenoxim	
Bromophos	Bromophos	0840
Bromophos-ethyl	Bromophos-ethyl	0860
Bromopropylate	Bromopropylate	
Bromoxynil	Bromoxynil	0820
Bromsalans	Diaphene	2060
Bronate	MCPA & Bromoxynil	4340, 0820
Brophene	Bromophos	0840
Brozone	Methyl bromide & Chloropicrin	
Brush-Rhap	2,4,5-T	6840
BTV	Bacillus Thuringiensis	
Buctril	Bromoxynil Octanoate	
Bueno	MSMA	4820
Bulan	Bulan	
Bunema	Bunema	0916
Busan 72	TCMTB	
Butachlor	Butachlor	0922
Butacide	Piperonyl Butoxide	5620
Butopyronoxyl	Indalone	
Butralin	Butralin	0933
Butylate	Butylate	0940
Butyrac	2,4-DB	3080
Butyron	Buturon	
Bux	Metalkamate	0960
C-709	Dicrotophos	0700
C-1414	Monocrotophos	0360
C-1983	Chloroxuron	
C-2059	Fluometuron	3620
C-2446	Amidithion	
C-3126	Metabromuron	
C-3470	Difenoxuron	
C-6313	Chlorbromuron	
C-6989	Fluorodifen	
C-7019	Aziprotryn	
C-7744	Carbaryl	1060
C-8353	Dioxacarb	
C-8514	Chlordimeform	1480
C-9122	Bromofenoxin	
C-9491	Iodofenphos	
Cacodylic acid	Cacodylic acid	0961
Calcium acid methanearsonate	CAMA	
Calcium arsenate	Calcium arsenate	0980
Caldron	Dinoseb	2760
Calixin	Tridemorph	6792
Camphechlor	Toxaphene	6740
Cantrol	MCPB	4380
Caparol	Prometryn	5780
Captafol	Captafol	1000
Captan	Captan	1020
Caragard	Terbumeton	
Carbamult	Promecarb	5752
Carbaryl	Carbaryl	1060
Carbatene	Metiram	
Carbendazim	Carbendazim	1071
Carbetamide	Carbetamide	1074
Carbicron	Dicrotophos	0700
Carbofos	Malathion	4260
Carbofuran	Carbofuran	1040
Carbophenothion	Carbophenothion	1080
Carboxin	Carboxin	1100
Carbyne	Barban	0400
Carfene	Azinphos-methyl	3820
Carpene	Dodine	2780
Carpidor	Benefin	0480
Carzol SP	Formetanate hydrochloride	3680
Casoron	Dichlobenil	2200
Castrix	Crimidine	
CDAA	CDAA	1140
CDEC	CDEC	1160
CDT	Simazine	6160
Cela A-36	Decafentin	
Cela S-1942	Bromophos	0840
Cela S-2225	Bromophos ethyl	0860
Cela S-4084	Cyanox	
Cela S-4087	Surecide	6360
Cela S-6000	Cypromid	
Cela S-6115	Cyprazine	1615
Cela W-524	Triforine	6822
Celdion	Fentiazon	
Celfume	Methyl bromide	
Celmer	MEMC	
Celmide	Ethyl dibromide	
Celmone	Naphthalene acetic acid	4900
Celphos	Aluminum phospnide	
CEPHA	Ethephon	3330
Cercobin	Thiophanate	6670
Cercobin M	Thiophanate-methyl	6671
Ceredon	Benquinox	
Ceregam	Methoxyethylmercury silicate	
Cereline	Benquinox	
Ceresan	Ethyl mercury chloride	3400
Certrol	Ioxynil	4040
CET	Simazine	6160
Cevadine	Sabadilla	
Cevadilla	Sabadilla	
CGA 10832	Profluralin	
Chemathion	Malathion	4260
Chem Bam	Nabam	4840
Chem-Hoe	Propham	5860
Chem Neb	Maneb	4300
Chem-O-Bam	Amobam	0220
Chemox General	Dinoseb	2760
Chem Rice	Propanil	5840
Chem Zineb	Zineb	7120
Chinomethionate	Oxythioquinox	4800
Chinosol	8-Quinolinol sulfate	
Chinothionat	Thioquinox	
Chip-Cal	Calcium arsenate	0980
Chipco Buctril	Bromoxynil	0820
Chipco Crab Kleen	DSMA	2660
Chipcote	Methylmercury nitrite	
Chipco Turf Herbicide "D"	2,4-D	2940
Chipco Turf Herbicide MCPP	MCPP	4400
Chipco Turf Kleen	MCPP & 2,4-D	4400, 2940
Chiptox	MCPA	4340
Chloramben	Chloramben	0140
Chloranil	Chloranil	1180
Chloranocryl	Dicryl	
Chlorasol	Ethylene dichloride	
Chlorbenside	Chlorbenside	1340
Chlorbromuron	Chlorbromuron	
Chlor Chem T-590	Toxaphene	6740
Chlordane	Chlordane	1200
Chlordecone	Chlordecone	1280
Chlordene	Chlordene	1260
Chlordimeform	Chlordimeform	1480
Chlorex	Dichlorethyl ether	
Chlorfenac	Fenac	3460
Chlorfenidim	Monuron	4760
Chlorfenson	Ovex or Chlorfenson	
Chlorfenvinphos	Chlorfenvinphos	1300
Chlorinat	Barban	0400
Chlorinated Camphene	Toxaphene	6740
Chlor Kil	Chlordane	1200
Chlormephos	Chlormephos	1316
Chlormequat Chloride	Chlormequat chloride	1320
Chlorobenzilate	Chlorobenzilate	1360
Chloroble Forte	Lindane, endosulfan, copper oxide	
Chloroble M	Maneb	4300
Chlorocide	Chlorbenside	1340
Chlorofenizon	Ovex or Chlorfenson	
Chloro IPC	Chlorpropham	1420
Chloroneb	Chloroneb	1380
Chlorophacinone	Chlorophacinone	1425

NAME	COMMON NAME	CODE NUMBER
Chlorophos	Trichlorfon	6780
Chloromethane	Methyl chloride	
Chlorophenothane	DDT	1880
Chlor-O-Pic	Chloropicrin	
Chloropropylate	Chloropropylate	
Chlorothalonil	Chlorothalonil	1640
Chlorothene Nu	Trichloroethane	
Chloroxone	2,4-D	2940
Chloroxuron	Chloroxuron	
Chlorparacide	Chlorbenside	1340
Chlorphenamidine	Chlordimeform	1480
Chlorphos	Trichlorfon	6780
Chlorpropham	Chlorpropham	1420
Chlorpyrifos	Chlorpyrifos	2900
Chlorsulphacide	Chlorbenside	1340
Chlorthal-methyl	DCPA	1720
Chlorthiepin	Endosulfan	3180
Chromaphon	Dition	
Chrysvon	Resmethrin	6055
CIBA 709	Dicrotophos	0700
CIBA 1414	Monocrotophos	0360
CIBA 8353	Dioxacarb	
CIBA 8514	Chlordimeform	1480
Cidial	Phenthoate	
Cinerin I, allyl homolog	Allethrin	0100
Cindrin	Crotoxyphos	1500
Ciovap	Crotoxyphos & Dichlorvos	1500, 2320
CIPC	Chlorpropham	1420
Citrazon	Benzomate	
Clobber	Cypromid	
Clonitralid	Clonitralid	0460
CMDP	Mevinphos	4640
CMPP	MCPP	4400
Cobex	Dinitramine	2551
Colloidex	Copper oxychloride	
Comite	Propargite	5160
Compound 448	2-Phenylcyclohexanol	
Compound 1080	Sodium fluoroacetate	
Compound 1081	Fluoroacetamide	
Compound 4072	Chlorfenvinphos	1300
Compound 7744	Carbaryl	1060
Copper oxinate	Copper 8-Quinolate	
Coprantol	Copper oxychloride	
Copro	Copper oxychloride sulfate	
Co-Ral	Coumaphos	1540
Corbit	Anthraquinone	0250
Cornox CWK	Benazolin	
Cornox RK	Dichlorprop	2309
Corodane	Chlordane	1200
Coromerc	Phenylmercury ethylenediamine	
Corothion	Parathion	5245
Corozate	Ziram	7100
Cotnion-ethyl	Azinphos ethyl	3840
Cotnion-methyl	Azinphos methyl	3820
Cotoran	Fluometuron	3620
Coumachlor	Coumachlor	
Coumafene	Warfarin	7060
Coumafuryl	Coumafuryl	3720
Coumaphos	Coumaphos	1540
Coxysan	Copper oxychloride	
CP 4742	CDEC	1160
CP 6343	DCAA	1140
CP 15336	Diallate	2040
CP 31393	Propachlor	5820
CP 50144	Alachlor	4160
CP 53619	Butachlor	0922
CPBS	Fenson	
CPCBS	Ovex or Chlorfenson	
Crab-E-Rad 100	DSMA	2860
Crag Fly Repellant	Butoxy polypropylene glycol	
Crag Fruit Fungicide 341	Glyodin	
Crag Fungicide 974	Dazomet	
Crag Herbicide 1	Sesone	
Crag Herbicide 2	Dichloralurea	
Crag Nemacide	Dazomet	
Croneton	Ethiophencarp	
Crop Rider	2,4-D	2940
Crotoxyphos	Crotoxyphos	1500
Crufomate	Crufomate	6020
Cryolite	Cryolite	1546
Cube	Rotenone	6000
Cufram Z	Cufraneb	
Cuman	Ziram	7100
Cunilate	Copper 8-Quinolate	
Cupramar	Copper oxychloride	
Cupravit	Copper oxychloride	
Cuprinol	Copper naphthenates	
CuproKylt	Copper oxychloride	
Cuprox	Copper oxychloride	
Curamil	Pyrazophos	5932
Curaterr	Carbofuran	1040
Curitan	Dodine	2780
Cu-Sprex	Dichlobenil	2200
Cyanazine	Cyanazine	1552
Cyanogas	Calcium cyanide	
Cycloate	Cycloate	1591
Cyclodan	Endosulfan	3180
Cycloheximide	Cycloheximide	1600
Cyclon	Hydrocyanic acid	
Cycocel	Chlormequat chloride	1320
Cycogan	Chlormequat chloride	1320
Cyflee	Cythioate	1621
Cygon	Dimethoate	2420
Cylan	Phosfolan	1610
Cymag	Sodium cyanide	
Cynem	Thionazin	
Cyolane	Phosfolan	1610
Cyprazine	Cyprazine	1615
Cyprex	Dodine	2780
Cythioate	Cythioate	1621
Cythion	Malathion	4260
Cytrol	Amitrole	0200
Cytrolene	Mephosfolan	1630
2,4-D	2,4-D	2940
D-735	Carboxin	1100
D-1221	Carbofuran	1040
DAC 893	DCPA	1720
Dacamine	Salts of 2,4-D & 2,4,5-T	
Daconate	MSMA	4820
Daconil	Chlorothalonil	1640
Dacthal	DCPA	1720
DAEP	DAEP	
Dagadip	Carbophenothion	1080
Dalapon	Dalapon	1660
Dal-E-Rad 100	DSMA	2860
Dalf	Parathion-methyl	4580
Danex	Trichlorfon	6780
Daphene	Dimethoate	2420
Dasanit	Fensulfothion	3500
DATC	Diallate	2040
Daxtron	Pyriclor	
Dazzel	Diazinon	2080
2,4-DB	2,4-DB	3080
DBCP	Dibromochloropropane	2090
2,6-DBN	Dichlobenil	2200
DBP	Dibutyl Phthalate	2120
DCMA	Dicryl	
DCMOD	Oxycarboxin	5670
DCMU	Diuron	2740
DCNA	Dichloran	2260
DCPA	DCPA	1720
DCPC	Dimite	
DCPM	Neotran	
DCU	Dichloral urea	
DDA	DDA	1740
DDD	DDD	1750
DDE	DDE	1840, 1860
DDMU	p,p'-DDD, olefin	1800

NAME	COMMON NAME	CODE NUMBER
DDT	DDT	1880
DDVE	Dichlorvos	2320
DDVP	Dichlorvos	2320
Dechlorane	Mirex	4720
De-Cut	MH	2280
Dedelo	DDT	1880
Dedevap	Dichlorvos	2320
Ded-weed	2,4-D, Dalapon-Na & 2,4,5-T	2940, 1660, 6840
DEF	DEF	1940
De-Fend	Dimethoate	2420
De-Fol-Ate	Magnesium chlorate	
De-Green	DEF	1940
Deiquat	Diquat	2660
Delan	Dithianon	2721
Delan-Col	Dithianon	2721
Deleaf Defoliant	Folex	3640
Delicia	Aluminum phosphide	
Delnav	Dioxathion	2580
Delphene	Deet	
Delsan	Thiram	6680
Demeton-O	Demeton-O	1981
Demeton-S	Demeton-S	1982
Demosan	Chloroneb	1380
Demos-L40	Dimethoate	2420
Demox	Demeton	1981, 1982
Dermaton	Dichlorvos	2320
Derrin	Rotenone	6000
Derris	Rotenone	6000
Des-I-Cate	Endothall	3240
Desmedipham	Desmedipham	2006
2,4-DES-Na	Sesone	
De-Sprout	MH	4280
Dessin	Dinobuton	
Detamide	Deet	
Dethdiet	Red Squill	
Dethmore	Warfarin	7060
Devrinol	Napropamide	2010
DEX	EXD	3420
Dexon	Fenaminosulf	2020
Dextone X	Paraquat dichloride	5240
Dextrone	Diquat dibromide	2660
DHA	Dihydroacetic acid	
Dialifor	Dialifor	2035
Diallate	Diallate	2040
Diametan	Fulfogen	
Dianat	Dicamba	2140
Diaphene	Diaphene	2060
Diazajet	Diazinon	2080
Diazide	Diazinon	2080
Diazinon	Diazinon	2080
Diazoben	Fenaminosulf	2020
Diazel	Diazinon	2080
Dibam	Sodium dimethyl dithiocarbamate	
Dibrom	Naled	4860
Dibromoethane	Ethylene dibromide	
Dibutyl phthalate	Dibutyl phthalate	2120
Dibutyl succinate	Tabutrex	
Dicamba	Dicamba	2140
Di-Captan	Dicapthon	
Dichlobenil	Dichlobenil	2200
Dichlor	Dichlobenil	2200
Dichlorfenidin	Diuron	2740
Dichlofenthion	Dichlofenthion	2220
Dichlone	Dichlone	2180
Dichlorobenzene-o	Dichlorobenzene-o	2280
Dichlorobenzene-p	Dichlorobenzene-p	2300
Dichloroethane	Ethylene dichloride	
Dichloronitroethane	Ethide	
Dichlorophenoxy-acetic acid	2,4-D	2940
Dichloropropane	Propylene dichloride	
Dichloropropene	Dichloropropene	2306
Dichloropropionic acid	Dalapon	1660
Dichlorphenidin	Diuron	2740
Dichlorphos	Dichlorvos	2320

NAME	COMMON NAME	CODE NUMBER
Dichlorprop	Dichlorprop	2309
Dichlorvos	Dichlorvos	2320
Diclotron	Dichlobenil & Fluometuron	2200, 3620
Dicofol	Dicofol	2340
Dicrotophos	Dicrotophos	0700
Dicurane	Chlorotoluron	
Dieldrin	Dieldrin	2380
Diethion	Ethion	3340
Diethquinalphion	Quinalphos	5966
Diethyl phosphate	Diethyl phosphate	2386
Diethyl toluamide	Deet	
Difenoxuron	Difenoxuron	
Difenson	Ovex or Chlorfenson	
Difenthos	Tenephos	0020
Difenzoquat	Difenzoquat	2395
Diflubenzuron	Diflubenzuron	2406
Difolatan	Captafol	1000
Dihydropyrone	Indalone	
Dikar	Mancozeb & Dinocap	
Dilan	Dilan	
Dilan I	Prolan	
Dilan II	Bulan	
Dimecron	Phosphamidon	5580
Dimelone	Dimethyl carbate	
Dimephenthoate	Phenthoate	
Dimethan	Dimetan	
Dimethirimol	Dimethirimol	2416
Dimethoate	Dimethoate	2420
Dimethogen	Dimethoate	2420
Dimethylarsinic acid	Cacodylic acid	0461
Dimethyl phosphate	Dimethyl phosphate	2458
Dimethyl phthalate	Dimethyl phthalate	2460
Dimetilan	Dimetilan	2480
Dimilin	Diflubenzuron	2406
Dinex	Dinex	
Dinitramine	Dinitramine	2551
Dinitrobutylphenol	Dinoseb	2760
Dinitrocresol	DNOC	2770
Dinitrocyclohexyl-phenol	Dinex	2520
Dinitro-o-sec-amylphenol	Dinosam	
Dinocap	Dinocap	2560
Dinofen	Dinobuton	
Dinoseb	Dinoseb	2760
Dinoseb acetate	Dinuseb acetate	2566
Dinoseb methacrylate	Binapacryl	
Dinoterb acetate	Dinoterb acetate	
Di-on	Diuron	2740
Dioxacarb	Dioxacarb	
Dioxathion	Dioxathion	2580
Dipan	Diphenatrile	
Dipel	Bacillus Thuringiensis	
Diphacin	Diphacinone	2600
Diphacinone	Diphacinone	2600
Diphenamid	Diphenamid	2620
Diphenyl	Biphenyl	0740
Diphenyl mercury	Diphenyl mercury	2640
Dipropetryn	Dipropetryn	
Dipterex	Trichlorfon	6780
Diquat dibromide	Diquat dibromide	2660
Direz	Anilazine	2920
Dirimal	Oryzalin	5140
Disan	Bensulide	0520
Disodium methane-arsonate	DSMA	2860
Disparmone	Disparlure	
Disulfoton	Disulfoton	2720
Disul-Na	Sesone	
Di-Syston	Disulfoton	2720
Disyston S	Oxydisulfoton	
Disyston sulphoxide	Oxydisulfoton	
Di-Tac	DSMA	2860
Dithane A-40	Nabam	4840
Dithane D-14	Nabam	4840
Dithane M-22	Maneb	4300

NAME	COMMON NAME	CODE NUMBER
Dithane M-45	Mancozeb	
Dithane Z-78	Zineb	7120
Dithianon	Dithianon	2761
Dithio	Sulfotep	
Dithiodemeton	Disulfoton	2720
Dithiomethon	Thiometon	6665
Dithione	Sulfotep	
Dithiosystox	Disulfoton	2720
Ditranil	Dichloran	2260
Diurex	Diuron	2740
Diurol	Diuron & Amitrole	2740, 0200
Diuron	Diuron	2740
Divipan	Dichlorvos	2320
DMA	DSMA	2860
DMC	Dimite	
DMP	Dimethyl phthalate	2460
DMTT	Dazomet	
DMU	Diuron	2740
DN-111	Dinex	2520
DN-289	Dinoseb	2760
DNAP	Dinosam	
DNBP	Dinoseb	2760
DNC	DNOC	2770
DNOC	DNOC	2770
DNOCHP	Dinex	2520
DNOSAP	DNAP	
DNOSPB	Dinoseb	2760
DO 14	Propagite	5160
Dodine	Dodine	2780
Doquadine	Dodine	2780
Dol Granule	Lindane	0680
Doom	Milky disease spores	
DOP	Dioctyl phthalate	
Dorlone	Dichloropropene	2306
Dormone	2,4-D	2940
Dosanex	Metoxuron	4631
Double-Noctin	Captan & N-fixing bacteria	
Dovip	Famphur	3440
Dowco 118	Zytron	
Dowco 132	Crufomate	6020
Dowco 179	Chlorpyrifos	2900
Dowco 213	Plictran	
Dow General	Dinoseb	2760
Dowfume W-85	Ethyl dibromide	
Dowicide A	Sodium phenylphenate	2800
Dowicide B	Sodium trichlorophenate	
Dowicide F	Sodium tetrachlorophenate	
Dowicide G	Sodium pentachlorophenate	
Dowicide 1	O-Phenylphenol	5490
Dowicide 2	2,4,5-Trichlorophenol	6890
Dowicide 2S	2,4,6-Trichlorophenol	
Dowicide 4	2-Chloro-4-phenylphenol	
Dowicide 6	2,3,4,6-Tetrachlorophenol	2840
Dowicide 7	PCP & other chlorophenols	
Dowlap	Trichloronitrophenol	
Dowpon	Dalapon-Na	1660
Dow Selective	Dinoseb	2760
Dowspray 9	Styrene dibromide	
DP-35	Propanil	5840
2,4-DP	Dichlorprop	2309
DPA	Propanil	5840
Drat	Chlorophacinone	1425
Drawinol	Dinobuton	
Draza	Methiocarb	4500
Drazoxolon	Drazoxolon	2792
DRB	Nirit	
Drinox	Aldrin	0080
Drinox H-34	Heptachlor	3860
Drop Leaf	Sodium chlorate	
DSE	Nabam	4840
DSMA	DSMA	2860
DU 112307	Difluron	
DuBay 115HH	Ethylmercury iodide	
Duphar	Tetradifon	6600
DuPont Insecticide 1179	Methomyl	4520
Duraset	N-m-t	
Dursban	Chlorpyrifos	2900
Du-Sprex	Dichlobenil	2200
Du-Ter	Fentin hydroxide	3540
Dyanap	Naptalam	4920
Dybar	Fenuron	
Dyfonate	Fonofos	2910
Dylox	Trichlorfon	6780
Dymid	Diphenamid	2620
Dynanap	Dinoseb & Naptalam	2760, 4920
Dynoram	Chloramben & Dinoseb	0140, 2760
Dyrene	Anilazine	2920
E-500	Ambithion	
E-600	Paraoxon	
E-605	Parathion	5245
E-838	Potasan	
E-1059	Demeton	1981, 1982
Easy Off-D	Folex	3640
Ectoral	Ronnel	5980
EDE	Ethylene dibromide	
EDC	Ethylene dichloride	
Ekalux	Quinalphos	5966
Ekatin	Thiometon	6665
Ekatin M	Morphothion	4803
Ektafos	Dicrotophos	0700
El-119	Oryzalin	5148
El-179	Isopropalin	4070
El-241	Parinol	5251
El-273	Triarimol	
El-531	Ancymidol	0230
Elancolan	Trifluralin	6800
Elgetol 30	DNOC	2770
Elgetol 318	Dinoseb	2760
Elocron	Dioxacarb	
Elsan	Phenthoate	
Elvaron	Dichlofluanid	
EM-923	Genite	
Embutox	2,4-DB	3080
EMC	Ethylmercury chloride	3400
Emmatas	Malathion	4260
Endosan	Binapacryl	
Endosulfan	Endosulfan	3180
Endothall	Endothall	3240
Endox	Coumatetralyl	
Endrin	Endrin	3260
Enide	Diphenamid	2620
Entex	Fenthion	3520
EP-332	Formetanate hydrochloride	3680
EP-333	Chlordimeform	3680
EP-452	Phenmedipham	5010
EP-475	Desmedipham	2006
Ephirsulphonate	Ovex or Chlorfenson	
EPN	EPN	3280
Epoxyethane	Ethylene oxide	
Epoxypropane	Propylene oxide	
Eptam	EPTC	3300
Eptapur	Buturon	
EPTC	EPTC	3300
Equigard	Dichlorvos	2320
Equino-Aid	Trichlorfon	6780
Eradex	Thioquinox	
Erazidon	Thioquinox	
Erbon	Erbon	3320
Esteron	2,4-D	2940
Esteron 245	2,4,5-T	6840
Estone	2,4-D	2940
Estonmite	Ovex or Chlorfenson	
Estox	Metasystox-S	
Ethephon	Ethephon	3330
Ethiolate	Ethiolate	3335
Ethion	Ethion	3340
Ethirinol	Ethirinol	3359
Ethodan	Ethion	3340
Ethohexadiol	Ethylhexanediol	3380
Ethoprop	Ethoprop	5880
Ethrel	Ethephon	3330
Ethyl Guthion	Azinphos ethyl	3840
Ethylhexanediol	Ethylhexanediol	3380

NAME	COMMON NAME	CODE NUMBER
Ethylmercury chloride	Ethylmercury chloride	3400
Ethyl parathion	Parathion	5245
Ethyl pyrophosphate	TEPP	6540
Ethyl xanthogen disulfide	EXD	3420
Etilon	Parathion	5245
ETO	Ethylene oxide	
Etrofol	CPMC	
Etrofolan	MIPC	
Etrolene	Ronnel	5980
Eulava SM	Magnesium fluosilicate	
Euparen	Dichlofluanid	
Euparen M	Tolyfluanid	
Eurex	Cycloate	1591
Evik	Ametryn	0120
Evital	Norflurazon	5136
EXD	EXD	3420
Exothion	Endothion	
Exporsan	Bensulide	0520
E-Z-Off	Magnesium chlorate	
E-Z-Off D	DEF	1940
F-319	Hymexazol	
F-461	Oxycarboxin	5670
Fac	Prothoate	
Fac Super	Prothoate & Ovex	
Fair-Tac	n-Decanol	
Fall	Sodium chlorate	
Faladin	2,4-DEP	
Falone	2,4-DEP	
Famid	Dioxacarb	
Famofos	Famphur	3440
Famphur	Famphur	3440
Faneron	Bromofenoxim	
Fanfos	Famphur	3440
Far-Go	Triallate	6770
Fatal	DCPA	1720
FBHC	BHC	0600
Fen-all	2,3,6-TBA	6920
Fenac	Fenac	3460
Fenaminosulf	Fenaminosulf	2020
Fenatrol	Atrazine, Amitrole, & Fenac	0420, 0200, 3460
Fence Rider	2,4,5-T	6840
Fenchlorfos	Ronnel	5980
Fenidin	Fenuron	
Fenitrothion	Fenitrothion	3480
Fenizon	Fenson	
Fenoflurazole	Fenozaflor	
Fenolovo acetate	Fentin acetate	3527
Fenophosphon	Trichloronate	
Fenoprop	Silvex	6120
Fensulfothion	Fensulfothion	3500
Fenthion	Fenthion	3520
Fentin acetate	Fentin acetate	3527
Fentin hydroxide	Fentin hydroxide	3540
Fenulon	Fenuron	
Ferbam	Ferbam	3600
Berberk	Ferbam	3600
Fermate	Ferbam	3600
Fermide 850	Thiram	6680
Fernasan	Thiram	6680
Fernesta	2,4-D	2940
Fernimine	2,4-D	2940
Fernoxone	2,4-D	2940
Ferxone	2,4-D	2940
Field Kleen Weed Killer	2,4-D	2940
Filariol	Bromophos ethyl	0860
Finidim	Fenuron	
Fitios B/77	Ethoate-methyl	
Floraltone	TIBA	
Florel	Ethephon	3330
Florencol	Flurecol-n-butylester	3630
Florocid	Sodium fluoride	
Fluchloralin	Fluchloralin	0407
Fluenyl	Fluenethyl	
Fluometuron	Fluometuron	3620
Fluorakil 100	Fluoroacetamide	
Fluoridamid	Fluoridamid	3623
Fluorodifen	Fluorodifen	
Fluorogesarol	DFDT	
Fluoroparacide	Fluorobenside	
Flurecol-n-butylester	Flurecol-n-butylester	3630
FMC 10242	Carbofuran	1040
Folbex	Chlorobenzilate	1360
Folcid	Captafol	1000
Folex	Folex	3640
Folidol E-605	Parathion	5245
Folidol M	Parathion methyl	4580
Folimat	Omethoate	
Folithion	Fenitrothion	3480
Folosan	Tecnazene	6435
Folpan	Folpet	3660
Folpet	Folpet	3660
Fonofos	Fonofos	2910
Forestan	Oxythioquinox	4800
Forlin	Lindane	0680
For-Mal 50	Malathion	4260
Formetanate Hydrochloride	Formetanate hydrochloride	3680
Formothion	Formothion	3722
Forron	2,4,5-T	6840
Forstan	Oxythioquinox	4800
Forturf	Chlorothalonil	1640
Fos-Fall "A"	DEF	1940
Fosfamid	Dimethoate	2420
Fosferno 50	Parathion	5245
Fosferno M50	Parathion, methyl	4580
Fostion	Prothoate	
Fostion MM	Dimethoate	2420
Foxlene	Pinolene	
Frescon	Trifenmorph	
Frucote HCl salt	sec-Butylamine	
Fruitone A	2,4,5-T	6840
Fruitone CPA	3-CPA	
Fruitone M	Naphthaleneacetic acid	4900
Fruitone T	Silvex	6120
Frumin Al	Disulfoton	2720
Fuklasin	Ziram	7100
Fumarin	Coumafuryl	3720
Fumazone	Dibromochloropropane	2090
Fundal EC	Chlordimeform	1480
Fungiclor	PCNB	5280
Funginex	Triforine	6822
Fungo 50	Thiophanate methyl	6671
Furadan	Carbofuran	1040
Furloe	Chlorpropham	1420
Fusarex	Tecnazene	6435
FW-293	Dicofol	2340
FW-734	Propanil	5840
FW-925	Nitrofen	5040
Fyfanon	Malathion	4260
G-11	Hexachlorophene	3940
G-18359	KIK	
G-19258	Dimetan	
G-22008	Pyrolan	
G-22870	Dimetilan	
G-23330	Pyramat	
G-23611	Isolan	
G-23645	Etoxinol	
G-24163	Chloropropylate	
G-24480	Diazinon	2080
G-24622	Pyrazinon	
G-27901	Trietazine	
G-28029	Phencapton	5400
G-30026	Norazine	
G-30027	Atrazine	0420
G-30028	Propazine	5800
G-30044	Simetone	
G-30130	Propanil	5840

NAME	COMMON NAME	CODE NUMBER
G-30344	Simazine	6160
G-30494	Methyl phencapton	
G-31435	Prometon	5780
G-31717	Ipatone	
G-32293	Atraton	
G-32911	Sinetryn	
G-34161	Prometryn	5790
G-34162	Ametryn	0120
G-34690	Methometon	
G-36393	Metroprotryn	
Galecron	Chloridimeform	1480
Gallotox	PMA	5680
Ganaphex	Lindane	0680
Gamalin	Lindane	0680
Gamma BHC	Lindane	0680
Gamex	Lindane	0680
Gammexane	Lindane	0680
Ganocide	Drazoxolon	2792
Gardentox	Diazinon	2080
Gardona	Stirofos	3740
Gardoprim	Terbuthylazine	
Garlon	Sylvex	4120
Garrathior	Carbophenothion	1060
Gatnon	Benzthiazuron	
GC-1283	Mirex	4720
GC-2466	Mucochloric anhydride	
GC-3707	Bomyl	
Genitol	Genite	
Genitox	DDT	1880
Gesabal	Ipazin	
Gesadural	Simetone	
Gesafloc	Trietazine	
Gesatram	Prometon	5760
Gesagard	Prometryn	5790
Gesamil	Propazine	5800
Gesapax	Ametryn	0120
Gesapon	DDT	1880
Gesaprim	Atrazine	0420
Gesapun	Simazine	6100
Gesaran	Metoprotryn	
Gesarex	DDT	1880
Gesarol	DDT	1880
Gesatamin	Atraton	0320
Gesatop	Simazine	6160
Gibberellic acid	Gibberellic acid	3790
Gibrel	Gibberellic acid	3790
Gib-Tabs	Gibberellic acid	3790
Gib-Sol	Gibberellic acid	3790
Gix	DFDT	
Glyphosate	Glyphosate	4801
Glytac	Glytac	3804
Golden Decuv	Dichlorvos & Ronnel	2320, 5980
Gralit BS	Chloral chloroamide	
Granevin	Dalapon-Na	1660
Grannonol	Paraquat & Monolinuron	5240, 4751
Grannoxone	Paraquat dichloride	5240
Granol NM	Maneb & Lindane	4300, 0680
Granosan	Ethylmercury chloride	3400
Granox NM	Maneb & HCB	4300, 3420
Granox PFM	Maneb & Captan	4300, 1020
Grocel	Gibberellic acid	3790
GS-13005	Methidathion	6340
GS-13529	Terbuthylazine	
GS-14254	sec-Bumeton	
GS-14259	Terbumeton	
GS-14260	Terbutryn	3980
GS-16068	Dipropetryn	
GS-19851	Bromopropylate	
Guazatine	Guazatine	
Gusathion M	Azinphos methyl	3820
Gusathion A	Azinphos ethyl	3840
Guthion	Azinphos methyl	3820
Gypsine	Lead arsenate	4180
Gyron	DDT	1880
H-321	Methiocarb	4500
H-1313	Dichlobenil	2200

NAME	COMMON NAME	CODE NUMBER
Haltzan	Metaldehyde	
Halowaxes	Polychlorinated naphthalenes	
Halts	Bandane	
Hanane	Dimefox	
Harven	Dihydroacetic acid (Na salt)	
HC-1281	2,3,6-TBA	6920
HCA	Hexachloroacetone	
HCB	Hexachlorobenzene	3920
HCCH	BHC	0600
HCH	BHC	0600
HCN	Hydrocyanic acid	
Hedonal	Various formulations of 2,4-D, MCPA, MCPP, 2,4-DP & 2,4,5-T	
Hedonal DP	Dichlorprop	2309
Heltotox	Toxaphene & DDT	6740, 1880
HEOD	Dieldrin	2380
Heptachlor	Heptachlor	3860
Heptachlor epoxide	Heptachlor epoxide	3880
Heptamul	Heptachlor	3860
Herban	Norea	5120
Herbicide 273	Endothall	3240
Herbitan	EXD	3420
Herbizol	Amitrole	0260
Hercules AC 52n	Dioxathion	2580
Hercules AC5727	SC 10864	
Hercules 7531	Norea	
Hercules 9673	Terbutol	
Hercules 14500	Dialifor	2038
Herkol	Dichlorvos	2320
Heteroauxin	3-Indoleacetic acid	
HETP	TEPP	6540
Hexachlor	BHC	0607
Hexachloran	BHC	0600
Hexadrin	Endrin	3260
Hexafor	BHC	0600
Hexanema	Dichlofenthion	2200
Hexasul	Sulfur	
Hexathane	Zineb	7120
Hexathir	Thiram	6660
Hexavin	Carbaryl	1060
Hexazir	Ziram	7100
Hexaclan	BHC	0600
HHDN	Aldrin	0260
Hinosan	Edifenphos	
Hoe 2671	Endosulfan	3180
Hoe 2747	Monolinuron	4761
Hoe 2784	Binapacryl	
Hoe 2810	Linuron	4240
Hoe 2873	Pyrazophos	
Hoe 2904	Dinoseb	2760
Hoe 2960	Triazophos	6777
Hoe 3909, 6052, 6053, 13764	Pyracarbolid	5900
Homai	Thiram & thiophanate methyl	6660, 6671
Hong Niem	PMA	5680
Hopcide	CMPC	
Hormotuho	MCPA	4340
Hormotuho Special	MCPA & Dicamba	4340, 2140
Hostathion	Triazophos	6777
Hydout	Endothall	3240
Hydram	Molinate	4740
Hydrogen phosphide	Phostoxin	
Hydrol	Allyxycarb	
Hydrothol	Endothall	3240
1-Hydroxychlordene	1-Hydroxychlordene	2060
2-Hydroxydiphenyl	Phenylphenol	5490
Hyvar	Bronacil	0600
Hyvar X	Terbacil	6560
IAA	3-Indoleacetic acid	
IBA	Hormodin	
IBP	IBP	4011
IFC	Promhan	5860

NAME	COMMON NAME	CODE NUMBER
Igran	Terbutryn	3980
Imidan	Phosmet	4000
Imugan	Chloranifor methane	
Insectophene	Endosulfan	3180
Inverton 245	2,4,5-T	6840
Iodofenphos	Iodofenphos	
Ioxynil	Ioxynil	4040
IPC	Propham	5860
Iscothane	Dinocap	2560
Isobac 20	Isobac 20	
Isobenzan	Telodrin	
Isocarb	Isocarb	
Iso-Cornox	MCPP	4400
Isopestox	Mipafox	
Isopracil	Isocil	
Isopropalin	Isopropalin	4070
Isotox	BHC	0600
IT-1233	Flurecol-n-butylester	3630
IT-3456	Chlorflurecol-methyl ester	
Ixoset	Dinoseb acetate	2566
Japidemic	Milky disease spores	
Jodfenphos	Iodofenphos	
Jolt	Ethoprop	5880
Karathane	Dinocap	2560
Karbaspray	Carbaryl	1060
Karbation	Metham	6220
Karbofos	Malathion	4260
Karbutilate	Karbutilate	6420
Karmex	Diuron	2740
Karphos	Isoxathion	
Kartril T	Diuron, aminotriazole & sodium thiocyanate	
Kauritil	Copper oxychloride	
Kazoe	Azide	5720 or 6172
Kelthane	Dicofol	2340
Kemate	Anilazine	2920
Kepone	Chlordecone	1280
Kerb	Pronomide	4090
Kildip	Dichlorprop	2309
Kill-All	Sodium arsenite	
Killex	Trimec	
Kilmite 40	TEPP	6540
Kiloseb	Dinoseb	2760
Kiloprop	MCPP	4400
Kilsem	MCPA	4140
Kilval	Vamidothion	
Kitazin	IBP	4011
Kleer-Lot	Amitrole & Linuron	0200, 4240
Kloben	Neburon	4940
Klorex	Sodium chlorate	
KMH	MH	2280
Knoxweed	EPTC & 2,4-D, isooctyl ester	3300, 3020
Kobutol	PCNB	5280
Kocide	Copper hydroxide	
Kop-Fume	Ethylene dibromide	
Kop-Mite	Chlorobenzilate	1360
Kopsol	DDT	1880
Kop-Thiodan	Endosulfan	3180
Kop-Thion	Malathion	4260
Korax	Chloronitropropane	
Korlan	Ronnel	5980
Kroma-Chlor	Cadmium succinate & potassium chromate	
Krovar	Diuron & Bromacil	2740, 0800
Krysid	ANTU	0260
KUE 13032c	Dichlofluanid	
KUE 13183b	Tolyfluanid	
Kuron	Silvex, PGBE esters	6140
Kuronsal	Silvex	6120
Kwit	Ethion	3340
Kylar	Daminozide	
Kypchlor	Chlordane	1200
Kypfarin	Warfarin	7060
Kypfos	Malathion	4260
Kypman 80	Maneb	4000
Kypzine	Zineb	7120
Lambast	MPMT	
Lambrol	Fluemethyl	
Lamprecide	Lamprecide	4166
Lanex	Fluometuron	3620
Lannate	Methomyl	4520
Lanoc CN	Eulan	
Lanslide	Lenacil & Linuron	4185, 4240
Lanstan	Chloronitropropane	
Larvacide	Chloropicrin	
Larvatrol	Bacillus Thuringiensis	
Lasso	Alachlor	4160
Lazo	Alachlor	4160
Lead Arsenate	Lead arsenate	4180
Lebaycid	Fenthion	3520
Legumex Extra	Benazolin	
Lenacil	Lenacil	4185
Lepton	Leptophos	4190
Leptophos	Leptophos	4190
Lethane 384	Lethane 384	4220
LeyCornox	Benazolin	
Leytosan	Phenylmercury urea	
LH 3012	Propineb	
Lignasan	Ethylmercury phosphate	
Limit	CDAA & 2,4-D	1140, 2940
Lindafor	Lindane	0680
Lindagran	Lindane	0680
Lindane	Lindane or gamma BHC	0680
Line Rider	2,4,5-T	6840
Lintox	Lindane	0680
Linurex	Linuron	4240
Linuron	Linuron	4240
Liphadione	Chlorophacinone	1425
Liquifume	PMA	5680
Lironion	Difenoxuron	
LM-91	Chlorophacinone	1425
Lonacol	Zineb	7120
Londax	Linuron & Propachlor	4240, 5820
Lorox	Linuron	4240
Louisewort	Stavesacre	
Lovozal	Fenozaflor	
Lumeton	Metoprotryn	
Luprisol	Propionic acid	
M-74	Disulfoton	2720
M-81	Thiometon	6665
MAA	Methanearsonic acid	4490
Machete	Butachlor	0922
Mad	MSMA & 2,4-D	4820, 2940
Mafu	Dichlorvos	2320
Magnetic 70	Sulfur	
Magron	Magnesium chlorate	
Maintain	Bromacil	0800
Maintain 3	MH	2280
Maintain CF 125	Chlorflurecol-methyl ester	
Malamar	Malathion	4260
Malaspray	Malathion	4260
Malathion	Malathion	4260
Maleic hydrazide	MH	2280
Malix	Endosulfan	3180
Maloran	Chlorbromuron	
Maneb	Maneb	4300
Maneba	Maneb	4300
Maneboan	Maneb	4300
Manesan	Maneb	4300
Manzate	Maneb	4300
MAPO	Metepa	
Maposol	Metham	6620
MAPS	Methiotepa	
Maretin	Naphthalaphos	
Marlate	Methoxychlor	4540
Marmer	Diuron	2740

NAME	COMMON NAME	CODE NUMBER
Marpelon	Lenacil & Benzthiazuron	
Marvex	Dichlorvos	2320
MAS	Rhizoctol	
Matacil	Aminocarb	0180
Mataven	Difenzoquat	2395
MB 9057	Asulam	0310
MB 10064	Bromoxynil	0820
MBC	Sodium chlorate	
MC 25	Guazatine	
MC 474	Mecarbam	4441
MC 1053	Dinobuton	
MC 1108	Dinoterb acetate	
MC 1488	Medinoterb acetate	
MC 1947	Dinocton-4	
MC 2188	Chlormephos	1316
MC 2420	Mecarphon	
MCA 600	Mobam	
MC Defoliant	Magnesium chlorate	
MCP	MCPA	4340
MCPA	MCPA	4340
MCPB	MCPB	4380
MCPES	Methin	
MCPP	MCPP	4400
MEA	Methoxyethylmercury acetate	
MeBr	Methyl bromide	
Mecarbam	Mecarbam	4441
Mecopar	The diethanolamine salts of MCPP & 2,4-D	
Mecopex	MCPP (K salt)	
Mecoprop	MCPP	4400
Mediben	Dicamba	2140
Medinoterb acetate	Medinoterb acetate	
Meldane	Counaphos	1540
Melprex	Dodine	2780
MEMA	Methoxyethylmercury acetate	
Menazon	Menazon	4453
Mendrin	Endrin	3260
Menite	Mevinphos	4640
Meobal	Meobal	4460
MEP	Fenitrothion	3480
Mephanac	MCPA	4340
Mephosfolan	Mephosfolan	1630
Mepro	MCPP	4400
Mercaptodimethur	Methiocarb	4500
Mercaptofos	Demeton-o	1981
Mercaptophos	Demeton	1981, 1982
Mercaptothion	Malathion	4260
Merculine	Phenylmercury salicylate	
Mercuram	Thiram	6680
Mercusol	Phenylmercury salicylate	
Merqamma	BHC & organo Hg compound	
Merpan	Captan	1020
Merphos	Folex	3640
Mersolite	PMA	5680
Mertect	Thiabendazole	6660
Merthon	Polyethylmercury phosphate	
Mesoranil	Aziprotryn	
Mesurol	Methiocarb	4500
Metacide	Methyl parathion	4580
Metadelphene	Deet	
Metaldehyde	Metaldehyde	
Metalkamate	Metalkamate	0960
Metam-sodium	Metham	6620
Metaphos	Methyl parathion	4580
Metaphoxide	Metepa	
Metapside	Methiocepa	
Metasystemox	Oxydemeton methyl	5220
Metasystox	Demeton methyl	
Metasystox I	Demeton-o-methyl	
Metasystox II	Demeton-s-methyl	
Metasystox R	Oxydemeton methyl	5220
Metaxon	MCPA	4340

NAME	COMMON NAME	CODE NUMBER
Metham	Metham	6220
Methamidophos	Methamidophos	4750
Methanearsonic acid	Methanearsonic acid	4490
Methaphoxide	Metepa	
Methar	DSMA	2660
Methazole	Methazole	4496
Methidathion	Methidathion	6340
Methiocarb	Methiocarb	4500
Meth-O-Gas	Methyl bromide	
Methomyl	Methomyl	4520
Methoprene	Methoprene	4531
Methoxone	MCPP	4400
Methoxychlor	Methoxychlor	4540
Methoxy propazine	Prometon	5760
Methyl aphoxide	Metepa	
Methyl Guthion	Azinphos methyl	3820
Methyl isothiocyanate	Metham	6620
Methylmercury chloride	Methylmercury chloride	4560
Methylmercury Dicyanodiamide	Cyano (methylmercuri) guanidine	
Methylmercury iodide	Methylmercury iodide	4572
Methyl Trithion	Methyl carbophenothion	
Methylthiotriazine	Desmetryn	
Meticide	Parathion-methyl	4580
Metilmerkapto-fasocsid	Oxydemeton-methyl	5220
Metmercapturon	Methiocarb	4500
Metoprotryn	Metoprotryn	
Metoxuron	Metoxuron	4631
Metriben	Tricamba	
Metron	Parathion-methyl	4580
Mevinphos	Mevinphos	4640
Mexacarbate	Mexacarbate	7080
Mezene	Ziram	7100
MF-344	Koban	
MGK Dog & Cat Repellant	Methyl nonyl ketone	
MGK R 326	MGK R 326	
MH	MH	2280
MH-30	MH	2280
MH 090	Methiuron	
Micofume	Dazomet	
Microzul	Chlorophacinone	1425
Midox	Chlorbenside	1340
Milbam	Ziram	7100
Mil-Col	Drazoxolon	2792
Milcurb	Dinethirimol	2416
Mildex	Dinocap	2560
Milfaron	Chloraniformethane	
Milgo	Ethirimol	3359
Miller 531	Cd-Ca zinc chromate complex	
Miller 658	Copper zinc chromate	
Milogard	Propazine	5800
Milstem	Ethirimol	3359
Mintacol	Paraoxon	
Mirex	Mirex	4720
Mitigan	Dicofol	2340
Mitox	Chlorbenside	1340
2M-4Kh-M	MCPB	4380
MLT	Malathion	4260
Mobilawn	Dichlofenthion	2220
Mocap	Ethoprop	5880
Modown	Bifenox	0733
Molinate	Molinate	4740
Monalide	Monalide	4747
Monex 3	Diuron & MSMA	2740, 4820
Monitor	Methamidophos	4750
Monoammonium methanearsonate	MAMA	
Monocalcium methanearsonate	Calcium arsenite	
Monocron	Monocrotophos	0360
Monocrotophos	Monocrotophos	0360
Monolinuron	Monolinuron	4751
Monosodium methanearsonate	MSMA	4820

NAME	COMMON NAME	CODE NUMBER
Monoxone	SMA	
Monurex	Monuron	4760
Monuron	Monuron	4760
Monuron-TCA	Monuron-TCA	4780
Morcran	Naptalam	4920
Morestan	Oxythioquinox	4800
Morfoxon	Morfamquat	
Morkit	Anthraquinone	0250
Morocide	Binapacryl	
Morphothion	Morphothion	4803
Morphotox	Morphothion	4803
Mirnodren	Cyano (methylmercuri) guanidine	
Motox 6-3 Pestic.	Toxaphene & Parathion, methyl	6740, 4580
Moxol	Methoxychlor	4540
MSMA	MSMA	4820
MTM	Tsumacide	
Muscatox	Medinoterb acetate	
Myrtox	Mecarbam	4441
Myrvesan	Fenson	
Myzoltox	Coumaphos	1540
MZ Dow	Dazomet	
Mybercine	Pinaricin	
N-2790	Fonofos	2910
NAA	Naphthaleneacetic acid	4900
Nabac	Hexachlorophene	3440
Naban	Naban	4840
NAD	Naphthalene acetamide	4880
Nafex	Carbaryl & Dyox	1060, --
Nalad	Nalad	4860
Nanflan	Chlordane & Lindane	1200, 0600
Nankor	Nonnel	5960
Na NPA	Naptalan	4920
1-Naphthol	1-Naphthol	4926
Naphthylanthalamic acid	Naptalan	4920
Naphthylthiourea	ANTU	0260
Naprocide	Naprocide	2010
Naptalan	Naptalan	4920
Na TA	TCA	
Natal	TLA	
Navadex	Oxathion	3660
NC-4750	Fluometuron	
NC-5014	Fenoxaprop	
NC-6047	Fecam W	
Neburea	Neburon	4940
Neburex	Neburon	4940
Neburon	Neburon	4940
Necatrin	Trichlorfon	4760
Nemacide	Dichlofenthion	1900
Nemafos	Ethoprophos	
Nemafume	Dibromochloropropane	2090
Nemagon	Dibromochloropropane	2090
Nendrin	Endrin	3260
Nenocid	DDT	1880
Nenocidol	Diazinon	2040
Neo-Pynamin	Tetramethrin	
Neoron	Bromopropylate	
Nephis	Ethylene dibromide	
New Mel	Ethylmercury sulfate	
Nexagan	Bromophos ethyl	0860
Nexion	Bromophos	0840
NF 48	Thiophanates	6670, 6671
NIA 1240	Ethion	3340
NIA 2995	SWEP	
NIA 4612	Solan	
NIA 4556	Dicryl	
NIA 5480	Tetradifon	6600
NIA 5767	Endothion	
NIA 5961	Chloronitropropane	
NIA 5996	Dichlobenil	2200
NIA 9044	Binapacryl	
NIA 10242	Carbofuran	1040
NIA 11092	Karbutilate	6420
NIA 17370	Resmethrin	6066

NAME	COMMON NAME	CODE NUMBER
Niacides	Mercaptobenzothiazole	
Niagaramite	Aramite	
Niagaratran	Ovex	
Niagarathol	Endothall	3240
Nialate	Ethion	3340
Niclofen	Nitrofen	5040
Nicouline	Rotenone	6000
Niklor	Chloropicrin	
Nimitox	Temephos	0020
NIP	Nitrofen	5040
Nipa-Thin	Naptalan	4920
Niran	Parathion	5345
Niran	Chlordane	1200
Nitrador	DNOC	
Nitralin	Nitralin	5020
Nitrapyrin	Nitrapyrin	5041
Nitrofen	Nitrofen	5040
4-Nitrophenol	4-Nitrophenol	5060
Nitrophos C	Dinosep	2740
Nitrox 80	Parathion methyl	4580
Nix-Scald	Ethoxyquin	
No Bunt	Hexachlorobenzene	3920
No-Crab	Calcium cyanamide	
Nogos	Dichlorvos	2300
Nolta-Kolsuno	DDT & Lindane	1660, 1640
Nomersan	Thiram	6680
Nonachlor	Nonachlor	5080
No-Pest	Dichlorvos	2300
Norex	Chloroxuron	
Norex	Norex	
Norflurazon	Norflurazon	4110
Norteron	Fluometuron	
Noruron	Norea	
Novathion	Fenitrothion	4460
Novigam	Lindane	3660
Novigam Super	Pyrethrins & Piperonyl Butoxide	5940, 1620
NPA	Naptalan	4920
NPD	Fosmid	2300
NRDC-104	Resmethrin	6095
NTM	Dimethyl dithiocarbamate	7460
Nucidol	Diazinon	2040
Nudrin	Methomyl	4500
Nu-Film	Pinolene	
Nuodex 58	Mercaptobenzothiazole	
Nuvacron	Monocrotophos	0340
Nuvan	Dichlorvos	2300
Nuvanol	Cyhexatin	3440
Nuvanol N	Cadofenphos	
Nu-Z	Zinc sulfate (basic)	

Octax	Bartan	6120
Octaclide	MCX 062	
Octachlor	Chlordane	1200
Octachlor epoxide	Oxychlordane	1220
Octalene	Aldrin	0080
Octalox	Dieldrin	2380
Off	Dimet	
Omite	Dimethachlor	
Oms	Dichlorvos	2300
Oleocuivre	Copper oxides	
Oleoparaphene	Parathion	5245
Ondran	Molinate	4740
Orthene	Acephate	0025
Ortho 5353	Metalkamate	0960
Ortho 9006	Methamidophos	4750
Ortho 12420	Acephate	0025
Orthocide 406	Captan	1020
Ortho-Klor	Chlordane	1200
Ortho LM preparations	Methylmercury quinolinolate	
Ortho MC	Magnesium chlorate	
Orthophos	Parathion	5240
Ortho Phosphate Defoliant	DEF	1940
Orthoxenol	Phenylphenol	5490
Oryzalin	Oryzalin	5140

NAME	COMMON NAME	CODE NUMBER
OS-2046	Mevinphos	4640
Osmosalts	Fluor Chrom Arsenate Phenols	
Osmosar		
Outfox	Cyprazine	1615
Ovochlor	Chlorfenson or Ovex	
Ovotron	Chlorfenson or Ovex	
Oxadiazon	Oxadiazon	5176
Oxamyl	Oxamyl	5186
Oxamyl oxime	Oxamyl oxime	5187
Oxine	8-Quinolinol sulfate	
Oxine-copper	Copper 8-Quinolate	
Oxirane	Ethylene oxide	
Oxycarboxin	Oxycarboxin	
Oxychlordane	Oxychlordane	5200
Oxycil	Sodium chlorate	
Oxydemeton methyl	Oxydemeton methyl	5220
Oxyquinoline	8-Quinolinol	
Oxythioquinox	Oxythioquinox	4800
P-1504	Phosmet	4000
Paarlan	Isopropalin	4070
Padan	Cartap hydrochloride	
Pallethrin	Allethrin	0100
Pamosol 2 Forte	Zineb	7120
Panoctine	Guazatine	
Panodrin A-13	Cyano (methylmercuri) guanidine	
Panogen	MEMA	
Panoram D-31	Dieldrin	2380
Panthion	Parathion	5245
Papthion	Phenthoate	
Paracide	p-Dichlorobenzene	2300
Paradow	p-Dichlorobenzene	2300
Paramar	Parathion	5245
Para-Nitrophenol	4-Nitrophenol	5060
Paraphos	Parathion	5245
Paraquat dichloride	Paraquat dichloride	5240
Parathene	Parathion	5245
Parathion ethyl	Parathion	5245
Parathion methyl	Parathion methyl	4580
Parawet	Parathion	5245
Parinol	Parinol	5251
Parnon	Parinol	5251
Parfox	Chlorophacinone	1425
Partron M	Parathion methyl	4580
Parzate	Nabam & Zineb	4840, 7120
Parzate C	Zineb	7120
Patoran	Metabromuron	
PCA	Pyrazon	5925
PCNB	PCNB	5280
PCP	PCP	5260
PCPBS	Fenson	
PDB	Dichlorobenzene-p	2300
PDQ	MCPB	4380
PDU	Fenuron	
PEBC	Pebulate	5300
Pebulate	Pebulate	5300
Pedinex	Dinex	
Pencal	Calcium arsenate	0980
Penchlorol	PCP	5260
Penite	Sodium arsenite	
Pennamine D	2,4-D	2940
Penta	PCP	5260
Pentachlorin	DDT	1880
Pentachloronitro-benzene	PCNB	5280
Pentachlorophenol	PCP	5260
Pentachlorophenol, Na salt	Sodium pentachloro-phenate	2820
Pentacon	PCP	5260
Pentanochlor	Solan	
Penwar	PCP	5260
Peprothion	DDT, Endosulfan & Parathion methyl	1880, 3180, 4580
Perchlorobenzene	Hexachlorobenzene	3920
Perecot	Copper oxides	
Perenox	Copper oxides	
Perfekthion	Dimethoate	2420
Perfluidone	Perfluidone	5366
Perthane	Perthane	5380
Pescombi	Mecarbam	4441
Pestan	Mecarbam	4441
Pestmaster EDB 85	Ethyl dibromide	
Pestox III	Schradan	
Pestox XIV	Dimefox	
Pestox XV	Mipafox	
Pest Strip	Dichlorvos	2320
PETD	Metiram	
PH 6040	Diflubenzuron	2406
Phaltan	Folpet	3660
Phenacide	Toxaphene	6740
Phenatox	Toxaphene	6740
Phencaptone	Phencapton	5400
Phenmad	PMA	5680
Phenmedipham	Phenmedipham	5410
Phenotan	Dinoseb-acetate	2566
Phenothiazine	Phenothiazine	5420
Phenpiazine	Quinoxaline	
Phenthazine	Phenothiazine	5420
Phentin acetate	Fentin acetate	3527
Phenylbenzene	Biphenyl	0740
Phenylmercury acetate	Phenylmercury acetate	5680
Phenylmercury ammonium acetate	Setrete	
Phenylmercury borate	Phenylmercury borate	5460
Phenylmercury chloride	Phenylmercury chloride	5480
Phenylmercury hydroxide	Phenylmercury hydroxide	5485
Phenylmercury iodide	Phenylmercury iodide	5487
Phenylmercury-8-oxyquinolate	Quinex	
Phenylphenol	Phenylphenol	5490
Pherocon GM	Disparlure	
Phix	PMA	5680
Phorate	Phorate	5500
Phosalone	Phosalone	5520
Phosdrin	Mevinphos	4640
Phosfene	Mevinphos	4640
Phosfolan	Phosfolan	1610
Phosfon	Chlorphonium	
Phoskil	Parathion	5245
Phosmet	Phosmet	4000
Phosphamidon	Phosphamidon	5580
Phosphine	Aluminum phosphide	
Phosphopyron	Endothion	
Phostoxin	Phostoxin	
Phosvel	Leptophos	4190
Phosvit	Dichlorvos	2320
Phthalophos	Phosmet	4000
Phthalthrin	Tetramethrin	
Phyban H.C.	MSMA	4820
Phygon	Dichlone	2180
Phyomone	oc-Naphthylacetic acid	
Phystasol	Trichloronate	
Phytar 550	Cacodylic acid	0961
Phytomycin	Streptomycin nitrate	
Phytosol	Trichloronate	
Picfume	Chloropicrin	
Pindone	Pindone	
Pinoran	Difenoxuron	
Piperalin	Piperalin	5640
Piperonyl Butoxide	Piperonyl Butoxide	5620
Pipron	Piperalin	5640
Pirimicarb	Pirimicarb	5632
Pirimiphos ethyl	Pirimiphos ethyl	5642
Pirimiphos methyl	Pirimiphos methyl	5643
Pirimor	Pirimicarb	5632
Pivacin	Pindone	
Pival	Pindone	
Pivaldione	Pindone	

NAME	COMMON NAME	CODE NUMBER
Pivalyn	Pindone	
P Kh NB	PCNB	5280
Planavin	Nitralin	5020
Plantvax	Oxycarboxin	
Plus de Ritz	Propanil	5840
PMAS	PMA	5680
PNP	4-Nitrophenol	5060
Polaris	Glyphosine	
Polychlorinated biphenyls	Polychlorinated biphenyls	5700-5707
Polychlorinated naphthalenes	Polychlorinated naphthalenes	5720-5725
Polychlorocamphene	Toxaphene	6740
Polymone 60	MCPP & 2,4-D	4400, 2940
Polyram-Combi	Metiram	
Polyram-Ultra	Thiram	6680
Polyram Z	Zineb	7120
Polysol Forte	Thiram	6680
Pomasol Z Forte	Ziram	7100
Potablan	Monalide	4747
Potassium azide	Potassium azide	5728
Potassium diethyl dithiophosphate	Potassium diethyl dithiophosphate	5731
Potassium diethyl thiophosphate	Potassium diethyl thiophosphate	5732
Potassium dimethyl dithiophosphate	Potassium dimethyl dithiophosphate	5733
Potassium dimethyl thiophosphate	Potassium dimethyl thiophosphate	5734
PP-062	Pirimicarb	5632
PP-148	Paraquat	5240
PP-149	Ethirimol	3359
PP-211	Pirimiphos ethyl	5642
PP-511	Pirimiphos methyl	5643
PP-675	Dimethirimol	2416
PP-745	Morfamquat	
PP-781	Drazoxolon	2792
Pramitol	Prometon	5760
Prebane	Terbutryn	3980
Pre-Beta 1	Pebulate & Diallate	5300, 2040
Pre-Beta 2	Cycloate & Diallate	1591, 2040
Prefar	Bensulide	0520
Prefix	Chlorthiamid	
Preforan	Fluorodifen	
Prefox	Cyprazine & Ethiolate	1615, 3335
Premerge	Dinoseb	2760
Pre-San	Bensulide	0520
Preventol	Dichlorophen	
Preservit	Dazomet	
Primatol	Atraton	0320
Primatol 025	Prometon	5760
Primatol A	Atrazine	0420
Primatol P	Propazine	5800
Primatol Q	Prometryn	5780
Primatol S	Simazine	6660
Primaze	Atrazine & Prometryn	0420, 5780
Primin	Isolan	
Princep	Simazine	6160
Proban	Cythioate	1621
Probe	Methazole	4496
Prodan	Sodium fluorosilicate	
Profluralin	Profluralin	
Profume	Methyl bromide	
Prolan	Dilan component	
Prolate	Phosmet	4000
Prolin	Warfarin	7060
Promecarb	Promecarb	5752
Prometon	Prometon	5760
Prometryn	Prometryn	5780
Prometrex	Prometryn	5780
Pronamide	Pronamide	4090
Propachlor	Propachlor	5820
Propanil	Propanil	5840
Propargite	Propargite	5160
Propazine	Propazine	5800
Propenal	Acrolein	0027
Propham	Propham	5860
Prophos	Ethoprop	5880

NAME	COMMON NAME	CODE NUMBER
Propi-Rhap	Dichlorprop	2309
Prop-Job	Propanil	5840
Proponex D	Amines of CMPP & 2,4-D	
Propoxur	Propoxur	0440
Protect	Protect	5882
Protex	Rotenone	6000
Proxal	Trichlorfon	6780
Prussic acid	Hydrocyanic acid	
PTF	Polyram	
PTMB	Danifos	
Puratized B-2	Mercuric lactate	
Pynamin	Allethrin	0100
Pyracarbolid	Pyracarbolid	5905
Pyramin	Pyrazon	5925
Pyramin Plus	Pyrazon & Dalapon	5925, 1660
Pyrazon	Pyrazon	5925
Pyrethrins	Pyrethrins	5940
Quel	Ancymidol	0230
Queletox	Fenthion	3520
Quilan	Benefin	0480
Quinalphos	Quinalphos	5966
Quinex	Phenylmercuric oxyquinolate	
Quinomethionate	Oxythioquinox	4800
Quinophenol	8-Quinolinol	
Quintozene	PCNB	5280
88 R	Aramite	
R-242	Sulphenone	
R-1303	Carbophenothion	1080
R-1504	Phosmet	4000
R-1513	Azinphos ethyl	3840
R-1582	Azinphos methyl	3820
R-1607	Vernolate	7020
R-2061	Pebulate	5300
R-2063	Cycloate	1591
R-2170	Oxydemeton methyl	5220
R-4461	Bensulide	0520
R-4572	Molinate	4740
R-4574	Byram	
R-7465	Napropamide	2010
Rabon	Stirofos	3740
Rock Granular	Fenac & Atrazine	3460, 0420
Racumin	Coumatetralyl	
Radapon	Dalapon Na	1660
Rad-E-Cate 25	Sodium Cacodylate	
Rad-E-Cate 35	Sodium Cacodulate & cacodulic acid	
Radoxone TL	Ammonium thiocyanate	
Rametin	Naphthalaphos	
Ramik	Diphacinone	2600
Rampart	Phorate	5500
Ramrod	Propachlor	5820
Ramucide	Chlorophacinone	1425
Randox	CDAA	1140
Rasikal	Sodium chlorate	
Raticate	Norbormide	
Ratilan	Coumachlor	
Ratomet	Chlorophacinone	1425
Ravap	Dichlorvos & Stirofos	2320, 3740
Raviac	Chlorophacinone	1425
Ravvon	Carbaryl	1060
Rawetin	Naphthalaphos	
Rax Water Soluble	Warfarin	7060
RE 4355	Naled	4860
Readex	Thioquinox	
Rebelate	Dimethoate	2420
Reddon	2,4,5-T	6840
Reducymol	Ancymidol	0230
Regim 8	TIBA	
Reglone	Diquat dibromide	2660
Regulox	MH	2280
Resistox	Coumaphos	1540
Resmethrin	Resmethrin	6055

NAME	COMMON NAME	CODE NUMBER
Res-Q	Maneb, HCB & Captan	4300, 3920, 1020
Retard	MH	2280
RH-315	Pronamide	4090
Rhodiatox	Parathion	5245
Rhomene	MCPA	4340
Rhonox	MCPA	4340
Rhothane	DDD	1750
Ricetrine	Copper triethanol-amine complex	
Roccal	Benzalkonium chloride	
Rodine	Red Squill	
Rogor	Dimethoate	2420
Rogue	Propanil	5840
Ro-Neet	Cycloate	1591
Ronstar	Oxadiazon	5176
Rootone	Naphthalene acetamide	4880
Rospin	Chloropropylate	
Rotenone	Rotenone	6000
Rotox	Methyl bromide	
Roundup	Glyphosate	3801
Roxion	Dimethoate	2420
Royal MH-30	MH	2280
Rozol	Chlorophacinone	1425
R.P. 11974	Phosalone	5520
R.P. 17623	Oxadiazon	5176
Ruelene	Crufomate	6020
Rukseam	DDT	1880
Ruphos	Dioxathion	2580
Rutgers 612	Ethyl hexanediol	3380
Rycelan	Oryzalin	5148
Ryzelan	Oryzalin	5148
S-276	Disulfoton	2720
S-410	Metasystox S	
S-767	Fensulfothion	3500
S-1752	Fenthion	3520
S-2940	Phenthoate	
S-4084	Cyanox	
S-4087	Surecide	6360
S-4400	Trichloronate	
S-6000	Cypromid	
S-9115	Cyprazine	1615
S-10165	Propanil	5840
S-15076	Ethiolate	3335
S-22012	Benzthiazuron	
SADH	Daminozide	
Salithion	Salithion	6050
Salvo	2,4-D	2940
SAN 9789	Norflurazon	5136
Sancap	Dipropetryn	
Santar	Mercuric oxide	
Santobrite	Sodium pentachloro-phenate	2820
Santochlor	Dichlorobenzene-p	2300
Santoquin	Ethoxyquin	
Sapecron	Chlorfenvinphos	1300
Saphi-Col	Menazon	4453
Saphizon	Menazon	4453
Saphos	Menazon	4453
Sappiran	Ovex or Chlorfenson	
Saprol	Triforine	6822
Sarclex	Linuron	4240
Sarolex	Diazinon	2080
Saturn	Benthiocarb	0570
Sayfor A	Menazon	4453
Sayfos	Menazon	4453
SBP-1382	Resmethrin	6055
Scaldip	Diphenylamine	
Schering 4075	Phenmedipham	5410
Schering 34615	Promecarb	5752
Schering 35830	Monalide	4747
Schering 36056	Formetanate Hydrochloride	3680
Schering 36268	Chlordimeform	1480
Schering 38107	Desmedipham	2006
Sclex	Dichlozoline	
Scogal	Cyanazine & MCPA	1552, 1340

NAME	COMMON NAME	CODE NUMBER
SD 3562	Dicrotophos	0700
SD 4294	Crotoxyphos	1500
SD 7859	Chlorfenvinphos	1300
SD 8447	Stirofos	3740
SD 8530	Landrin-3,4,5 Isomer	
SD 8786	Landrin-2,3,5 Isomer	
SD 9098	Akton	
SD 9129	Monocrotophos	0360
SD 11831	Nitralin	5020
SD 14114	Vendex	7013
SD 15418	Cyanazine	1552
SD 30053	Benzoylprop ethyl	0578
Secbumeton	Secbumeton	
Seedrin	Aldrin	0080
Select	Naptalam	4920
Selinon	DNOC	2770
Semeron 25	Desmetryn	
Sencor	Metribuzin	
Sencoral	Metribuzin	
Sencorex	Metribuzin	
Sendran	Propoxur	0440
Septene	Carbaryl	1060
SES	Sesone	
Sesoxane	Sesamex	
Sevin	Carbaryl	1060
Sevithion	Carbaryl & Parathion methyl	1060, 4580
Shed-A-Leaf	Sodium chlorate	
Shinmerex	Phenylmercuric acetate	5680
Short-stop E	Terbutryn	3980
Shoxin	Norbormide	
SI-6505	Hydroxyisoxazole	
Sicarol	Pyracarbolid	5905
Siduron	Siduron	6100
Silvanol	Lindane	0680
Silvex	Silvex	6120
Silvi-Rhap	Silvex	6120
Silvisar 510	Cacodylic acid	0961
Silvisar 550	MSMA	4820
Simanex	Simazine	6160
Simazine	Simazine	6160
Sinbar	Terbacil	6560
Sinituho	PCP	5260
Sinox	DNOC	2770
Sinox General	Dinoseb	2760
Sistan	Metham	6620
Slam	Azothoate	
Slo-Gro	MH	2280
SMDC	Metham	6620
Snite 8G	Azide	5729 or 6172
Snip Fly Bands	Dimetilan	
Sodium Azide	Sodium Azide	6172
Sofril	Sulfur	
Soilbrom 85 & 96	Ethylene dibromide	
SOK	Carbanolate	
Solabar	Barium polysulfide	
Solo	Naptalam	4920
Solvirex	Disulfoton	2720
SOPP	Sodium phenylphenate	2800
Soprabel	Lead arsenate	4180
Sopracol 781	Drazoxolon	2742
Sopragam	Parathion & Lindane	5245, 0680
Sopranebe	Maneb	4300
Soprathion	Parathion	5245
Soprocide	BHC	0600
Sovex	Fluorodifen	
SP-1103	Tetramethrin	
Spectracide	Diazinon	2080
Spergon	Chloranil	1140
Spotrete	Thiram	6680
Spra-Cal	Calcium arsenate	0980
Spring-Bak	Nabam	4840
Sprout Nip	Chlorpropham	1420
Sprout-Stop	MH	2280
Spud-Nic	Chlorpropham	1420
Squill	Red Squill	
SR 73	Clonitralid	
SRA 5172	Methamidophos	4750

NAME	COMMON NAME	CODE NUMBER
SRA 7312	Quinalphos	5966
Stam F-34	Propanil	5840
Stam M-4	Propanil	5840
Stannoplus	Decafentin	
Stannoram	Decafentin	
Stay-Kleen	Cyanazine & Linuron	1522, 4240
Stirofos	Stirofos	3740
Stop Scald	Ethoxyquin	
Stopspot	Phenylmercury chloride	5480
Streptomycin Sulfate	Streptomycin Sulfate	6222
Strobane	Terpene polychlorinates	6240
Strobane T	Terpene polychlorinates (Toxaphene)	6740
Stunt Man	MH	2280
Subitex	Dinoseb	2760
Sucker Stuff	MH	6740
Suffix	Benzoylprop ethyl	0578
Sulfallate	CDEC	1160
Sulfasan	EXD	3420
Sulfoxide	Sulfoxide	6300
Sulfoxyl	Sulfoxide	6300
Sulkol	Sulfur	
Sumithion	Fenitrothion	3480
Sumitol	Secbumeton	
Suncide	Propoxur	0440
Super Crab-E-Rad	Amine methanearsenates	
Super Crab-E-Rad A.M.A.	Ammonium methane-arsenates	
Super Crab-E-Rad Calar	Calcium acid methanearsenates	
Super Dal-E-Rad	Amine methanearsenates	
Super Dal-E-Rad Calar	Calcium acid methanearsenates	
Super De-Sprout	MH	6740
Sup'R Flo	Maneb	4300
Super Sucker Stuff	MH	6740
Supona	Chlorfenvinphos	1300
Supracide	Methidathion	6340
Surcopur	Propanil	5840
Surecide	Surecide	6360
Surflan	Oryzalin	5148
Su Seguro Carpidor	Trifluralin	6800
Sustar 2-S	Fluoridamid	3623
Sutan	Butylate	0940
Swat	Bomyl	
Syllit	Dodine	2780
Synklor	Chlordane	1200
Synthrin	Resmethrin	6055
Systemox	Demeton	1981, 1982
Systox	Demeton	1981, 1982
Sytam	Schradan	
Sytemp	Toxaphene, Parathion & Parathion methyl	6740, 5245, 4580
2,4,5-T	2,4,5-T	6840
2,4,5-T Butoxyethanol ether esters	2,4,5-T Butoxyethanol ether esters	6860
2,4,5-T Butyl esters	2,4,5-T Butyl esters	6870
2,4,5-T Isooctyl esters	2,4,5-T Isooctyl esters	6880
2,4,5-T Propylene glycol butyl ether esters	2,4,5-T Propylene glycol butyl ether esters	6885
Tabatrex	Tabutrex	
Tachigaren	Hymexazol	
Taq HL 331	Phenylmercuric acetate	5680
Talan	Dinobuton	
Tamaron	Methamidophos	4750
Tandex	Karbutilate	6420
Tanone	Phenthoate	
Tartan	Cyanthoate	
Tarzol	Fenozaflor	
Task	Dichlorvos	2320
Taterpex	Chlorpropham	1420
Tayssato	MEMC	
2,3,6-TBA	2,3,6-TBA	6920
TBCS-53	Copper sulfate, basic	
TBTO	Butinox	
TBZ	Thiabendazole	6660
TCB	Trichlorobenzene	
TCMTB	TCMTB	
TCNB	Tecnazene	6435
TCTP	Penphene	
TD-183	Penphene	
TDE	DDD	1750
Tecnazene	Tecnazene	6435
Tecto	Thiabendazole	6660
Tedion	Tetradifon	6600
Tekwaisa	Parathion methyl	4580
Telodrin	Isobenzan	
Telone	Dichloropropene	2306
Telone C	Chloropicrin	
Telvar	Monuron	4760
TEM	Tretamine	
Temephos	Temephos	0020
Temik	Aldicarb	0060
Tendex	Propoxur	0440
Tenoran	Chloroxuron	
TEPP	TEPP	6540
Terbacil	Terbacil	6560
Terbucarb	Terbutol	
Terbuthylazine	Terbuthylazine	
Termil	Chlorothalomil	1640
Terraclor	PCNB	5280
Terraclor Super X	Terrazole	6590
Terra-Coat	Terrazole	6590
Terracur	Thiadiazinthion	
Terracur P	Fensulfothion	3500
Terramitsin	Oxytetracycline	
Terramycin	Oxytetracycline	
Terra-Sytam	Dimefox	
Terrazole	Terrazole	6590
Tersan	Thiram	6680
Tersan 1991	Benomyl	0500
Tersan SP	Chloroneb	1380
Tetrachlorophenol	Tetrachlorophenol	
Tetrachloroquinone	Chloranil	1180
Tetrachlorothiophene	Penphene	
Tetrachlorvinphos	Stirofos	3740
Tetradifon	Tetradifon	6600
Tetraethyl pyrophosphate	TEPP	6540
Tetrasul	Tetrasul	6630
Tetron	TEPP	6540
TFN	Lamprecide	4166
TH 6040	Diflubenzuron	2406
Thanite	Thanite	6640
Thiabendazole	Thiabendazole	6660
Thibenzole	Thiabendazole	6660
Thifor	Endosulfan	3180
Thimer	Thiram	6680
Thimet	Phorate	5500
Thimul	Endosulfan	3180
Thiocron	Amidithion	
Thiocron Extra	Amidithion & Fenitrothion	3480
Thiodan	Endosulfan	3180
Thiodemeton	Disulfoton	2720
Thiodiphenylamine	Phenothiazine	5420
Thiofanox	Thiofanox	6663
Thiometan	Metasystox S	
Thiometon	Thiometon	6665
Thioneb	Metiram	
Thionex	Endosulfan	3180
Thiophal	Folpet	3660
Thiophanate	Thiophanate	6670
Thiophanate methyl	Thiophanate methyl	6671
Thiophos	Parathion	5245
Thiotepp	Sulfotep	
Thiotex	Thiram	6680
Thiram	Thiram	6680
Thiramad	Thiram	6680
Thirasan	Thiram	6680
Thistrol	MCPB	4380
Thuricide	Bacillus Thuringiensis	

NAME	COMMON NAME	CODE NUMBER
Thylate	Thiram	6680
Thynon	Dithianon	2721
Tiazon	Dazomet	
Tiezene	Zineb	7120
Tiguron	Fenthion	3520
Tilarex	PCNB & Quintozene	
Tillam	Pebulate	5300
Tillamtox	Benquinox	
Timbo	Rotenone	6000
Timet	Phorate	5500
Tirampa	Thiram	6680
TMTDS	Thiram	6680
Tobaz	Thiabendazole	6660
TOK	Nitrofen	5040
Tolban	Profluralin	
Tomarin	Coumafuryl	3720
Tomaset	N-m-t	
Tomatotone	4-CPA	
Tomorin	Coumachlor	
Topane	Sodium phenylphenate	2800
Topcide	Benzadox	0577
Topiclor 20	Chlordane	1200
Topitox	Chlorophacinone	1425
Topsin	Thiophanate	6670
Topsin-M	Thiophanate methyl	6671
Torac	Dialifor	2835
Tordon	Picloram	5600
Tormona	2,4,5-T	6840
Toxakil	Toxaphene	6740
Toxaphene	Toxaphene	6740
2,4,5-TP	Silvex	6120
TPTH	Fentin hydroxide	3540
TPTOH	Fentin hydroxide	3540
Trametan	Thiram	6680
Trefanocide	Trifluralin	6800
Treficon	Trifluralin	6800
Treflan	Trifluralin	6800
Trefmid	Trifluralin & Diphenamid	6800, 2620
Tre-hold	Naphthaleneacetic acid	4900
Trey	Siduron	6100
Triallate	Triallate	6770
Triaram	Atram	
Triasyn	Anilazine	2920
Triazophos	Triazophos	6777
Triazotion	Azinphos ethyl	3840
Tribac	2,3,6-TBA	6920
Tribactur	Bacillus Thuringiensis	
Triban	Pindone	
Tribetol	Endothall & Propham	3240, 5860
Tribunil	Methabenzthiazuron	
Tributon	2,4-D & 2,4,5-T	2940, 6840
Tricarbamix Z	Ziram	7100
Tricarnam	Carbaryl	1060
Trichlorfenson	Ovex or Chlorfenson	
Trichlorton	Trichlorfon	6780
Trichloroben-zoic acid	2,3,6-TBA	6920
2,4,5-Trichloro-phenol	2,4,5-Trichlorophenol	6830
Trichlorpyrophos	Chlorpyrifos	2900
Tri-Clor	Chloropicrin	
Tricornox	Benazolin	
Tridemorph	Tridemorph	6792
Tridex	EXD	3420
Tridodine	Dodine	2780
Tri-Endothall	Endothall	3240
2,4,5-T, Triethyl-amine salt	2,4,5-T, Triethyl-amine salt	6895
Trifene	Fenac	3460
Trifenson	Fenson	
Trifluralin	Trifluralin	6800
Triflurex	Trifluralin	6800
Trifocide	DNOC	2770
Triforine	Triforine	6822
Trifungol	Ferbam	3600
Triherbide	Propham	5860
Triherbide-CIPC	Chlorpropham	1420

NAME	COMMON NAME	CODE NUMBER
Tri-iodobenzoic acid	TIBA	
Trim	Trifluralin	6800
Trimangol	Maneb	4300
Trimanoc	Manoc	
Trimaton	Metham	6620
Trimetion	Dimethoate	2420
Trinox	Trichlorfon	6780
Triofterol	Zineb	7120
Trioneb	Metiram	
Trioxone	2,4,5-T	6840
Tri-PCNB	PCNB	5280
Tri-P.E.	Dimexan	
Tri-Penar	Penar	
Triphenyltin acetate	Fentin acetate	3527
Triphenyltin hydroxide	Fentin hydroxide	3540
Triscabol	Ziram	7100
Trithion	Carbophenothion	1080
Tritisan	PCNB	5280
Tritoftorol	Zineb	7120
Tri-VC 13	Dichlofenthion	2270
Trixabon	Dimexan, Cycluron & Chlorbufam	
Trixan	PCNB, Quintozene & Thiram	
Trizinoc	Zinoc	
Trizone	Methyl bromide, Chloropicrin & Propargyl bromide	
Trolene	Bonnel	5980
Tronabor	Borax	
Tropital	Fluorbital	
Tropotox	MCPB	4380
Truban	Terrazole	6590
Trysban	2,3,6-TBA	6920
Tserenox	Benquinox	
Tsitrex	Dodine	2780
Tuads	Thiram	6680
Tuberite	Propham	5960
Tubotoxin	Rotenone	6000
Tugon	Trichlorfon	6780
Tugon Fliegen Kugel	Propoxur	0440
Tumbleleaf	Sodium chlorate	
Tumex	8-Quinolinol	
Tupersan	Siduron	6100
Turf Fungicide	Cyano (methylmercuri) guanidine	
Tutane	sec-Butylamine	
U-27415	Banarite	
UC 7744	Carbaryl	1060
UC 10864	Hercules AC 5223	
UC 14785	Dinobuton	
UC 20047A	Tranid	
UC 20299	Prep	
UC 21149	Aldicarb	0060
UC 22463	Bowmate	
Ultracide	Methidathion	6340
Unden	Propoxur	0440
Unipon	Dalapon-Na	1660
Uniroyal D 014	Propargite	5160
Urab	Fenuron-TCA	
USB-3584	Dinitramine	2551
V-18	Tetradifon	6600
V-101	Tetrasul	6630
Valexon	Phoxim	
Validacin	Validamycin A	
Vamidoate	Vamidothion	
Vancide FE-95	Ferbam	3600
Vancide MZ	Ziram	7100
Vancide MZ-96	Ziram	7100
Vancide TM-95	Thiram	6680
Vancide TM Flowable	Thiram	6680
Vaponite	Dichlorvos	2320
Vapor Gard	Pinolene	
Vapotone	TEPP	6540

NAME	COMMON NAME	CODE NUMBER
VC-13 Nemacide	Dichlofenthion	2220
VC 9-104	Ethoprop	5880
Vegadex	CDEC	1160
Vegiben	Chloramben	0140
Velsicol 58-CS-11	Dicamba	2140
Velsicol 1068	Chlordane	1200
Vendex	Vendex	7013
Venzar	Lenacil	4185
Veratridene	Sabadilla	
Veratrin	Sabadilla	
Veratrum	Hellebore	
Vergemaster	2,4-D	2940
Vernam	Vernolate	7020
Vernolate	Vernolate	7020
Vertron 2D	2,4-D	2940
Vertron 2T	2,4,5-T	6840
Vertron T	2,4,5-T	6840
Vi-Cad	Cadmium chloride	
Viozene	Ronnel	5980
ViPar	MCPP & 2,4-D	4400, 2940
Vi-pex	MCPP (potassium salt)	
Viricuivre	Copper oxychloride	
Vitavax	Carboxin	1100
Volaton	Phoxim	
Vondalhyde	MH	2280
Vondcaptan	Captan	1020
Vondodine	Dodine	2780
Vondrax	MH	2280
Vonduci	Diuron	2740
Vonduron	Diuron	2740
Voronit	Fuberidazole	
VPM	Metham	6620
Vydate L oxamyl	Oxamyl	5186
Wacher S 1410	Dimefox	
Wallop G	Propachlor & Parathion	5820, 5245
Warbex	Famphur	3440
Watathion	Surecide	6360
Weed-Ag-Bar	2,4-D	2940
Weedar	2,4-D & 2,4,5-T	2940, 6840
Weedazol	Amitrole	0200
Weedbeads	Sodium pentachlorophenate	2820
Weed-E-Rad	DSMA & MSMA	2860, 4820
Weedez Wonder Bar	2,4-D	2940
Weed-Hoe	DSMA & MSMA	2860, 4820
Weedol	Paraquat dichloride	5240
Weedone	PCP, 2,4-D & 2,4,5-T	5260, 2940, 6840
Weedozol	Amitrole	0200
Weed-Rhap	2,4-D	2940
Wepsyn	Triamiphos	
WL 17,731	Benzoylprop ethyl	0578
WL 19,805	Cyanazine	1552
Wydac	Propanil & Carbaryl	5840, 1060
Yomesan	Niclosamide	
Zassol	Sodium cyanate	
Z-C Spray	Ziram	7100
Zebtox	Zineb	7120
Zectran	Mexacarbate	7080
Zelan	MCPA	4340
Zelio	Thallium sulfate	
Zephiran	Benzalkonium chloride	
Zerdane	DDT	1880
Zerlate	Ziram	7100
Zidan	Zineb	7120
Zinc Uversol	Zinc naphthenate	
Zineb	Zineb	7120
Zinophos	Thionazin	
Zinosan	Zineb	7120
Ziram	Ziram	7100
Zirberk	Ziram	7100
Ziride	Ziram	7100
Zithiol	Malathion	4260
Zitox	Ziram	7100
Zobar	PBA	
Zolone	Phosalone	5520
Zoocoumarin	Warfarin	7060
Zorial	Norflurazon	5136
Zotox Crab Grass Killer	Arsenic acid	
ZR-512	Altozar	
ZR-515	Methoprene	4531
Zytox	Methyl bromide & ethylene dibromide	